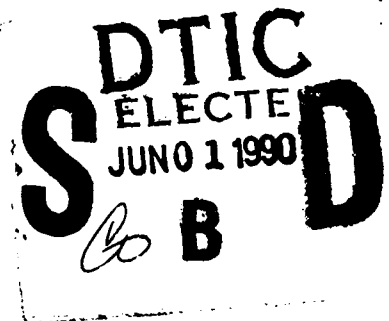


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A STUDY TO DEVELOP
A CASE MIX MODEL FOR THE
ALLOCATION OF INPATIENT WORKLOAD FOR
SILAS B. HAYS ARMY COMMUNITY HOSPITAL
FORT ORD, CALIFORNIA



A Graduate Research Project
Submitted to the Faculty of
Baylor University
in Partial Fulfillment of the
Requirements for the Degree of
Master of Health Administration
by
Major Edward R. Ponatoski, MS
26 June 1987

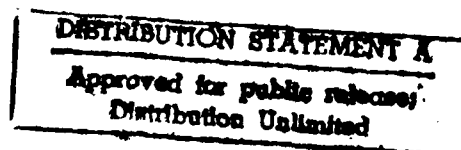


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INTRODUCTION

Conditions which prompted the study

Within the Army Medical Department, the current methodology utilized to describe the resources required for medical treatment facilities is based on workload performed and measured by number of admissions, patient census, outpatient clinic visits, and weighted ancillary procedures. The primary disadvantage of this methodology is none of these measurements address health care resource requirements as a function of patient case mix intensity. Hospital productivity for inpatient services is measured by the Medical Care Composite Unit (MCCU). For each patient admitted to an army treatment facility, the hospital receives 10 MCCUs workload value units plus an additional unit for each day of inpatient stay. The patient who requires intensive medical services receives the same workload value as a patient requiring minimal care. The implied assumption of this methodology is that all patients are basically homogeneous with respect to health care resources consumed. Other than each patient requiring some form of medical services, patients are generally not homogeneous. They present themselves with a variety of illnesses, possess significant variation in age and sex distribution, have wide cultural and race distributions, and require medical services on a continuum from low to high intensity.

It is interesting to consider where the incentive is for the military health care administrator with the current methodology. If only resource allocation goals are considered, the incentive is to provide services for those patient types who require minimal medical services and have a relatively short length of hospital stay. This approach allows for minimum health care resource expenditure and maximum resource allocation to the facility.

Patient classification systems based on patient case mix to determine health care costs and resource consumption is widely utilized in the health services industry today (Plomann et al, 1984). The basis for these classification systems is the more intense case types require more intense health care resource expenditures. With the advent of Diagnosis Related Groups (DRGs) and the Social Securities Amendments of 1983 (Public Law 98-21, Title VI), prospective payment for inpatient MEDICARE services based on the DRG patient classification system was established. Congress further expanded the use of DRGs to encompass Department of Defense health care facilities with the passage of the National Defense Authorization Act for Fiscal Year 1987 (Public Law 99-661). The specific language mandating utilization of the DRG patient classification system for military health care facilities states, "The Secretary of Defense after consultation with the other administering secretaries shall establish by regulation the use of Diagnosis Related Groups as the primary criteria for the allocation of resources to facilities of the uniformed services" (1986, sect 1101).

This legislation will have significant impact on military health care facilities. In contrast to the current methodology for health care resource allocation, providing low intensity services under a DRG resource allocation system will result in a reduced amount of resources allocated to the facility. There is an impetus for military facility commanders to know which types of patients will result in the largest amount of resources allocated for his/her facility. A model that could describe what services are producing the most significant intensity of outputs, with respect to input resources such as number of staff and number of beds available, could be of considerable value to hospital management. This model would theoretically describe which services provide the greatest degree of return on investment (input resources) given constraints on patient demand for a service and the total amount of service available. This model would also describe the consequences of variations in the demand for services, changes in personnel staffing, or the expansion or reduction of fixed resources. Since revenue generation for military health care organizations is generally not a goal, a more realistic goal for hospital management might be to maximize the quantity of health services delivered to the beneficiary population. Management may wish to determine the case mix of patients that would provide for the largest number of patients treated or to maximize some other measure of hospital output.

Hospital output consists of services provided in a variety of settings including ambulatory care, dental services, preventive medicine and wellness programs, ancillary services, and inpatient services.

The model developed for this study is limited to hospital output produced in the inpatient environment. The inpatient setting was selected to maintain the scope of the study to a manageable level and in an effort to account for a substantial portion of total hospital services produced.

Total inpatient output is defined as the weighted sum of the number of patients treated. The set of weights specified reflects the basic importance of each class of patient and the measure of hospital output is related to resource absorption. Each class in the weighted sum is defined in terms of the value of patients associated with a specific class. Note that this description of total inpatient output is not the equivalence of total number of patients treated. Rather, the goal of the model is to maximize the weighted sum of patients in terms of their value to the hospital.

PROBLEM STATEMENT

To develop a case mix model for maximizing the total output of inpatient workload for Silas B. Hays Army Community Hospital, Fort Ord, California.

OBJECTIVES

1. Conduct literature review.
2. Develop model.
3. Determine case mix groups.
4. Determine lower and upper bounds of patient demand for services.
5. Determine maximum amount of service available.
6. Validate model.
7. Develop management considerations and implications.

CRITERIA

1. The model will be able to determine the case mix which maximizes the total inpatient care provided.
2. The model will be able to measure the impact of changes to different case mix allocations given changes in patient demand for services, personnel staffing, and number of hospital beds.

ASSUMPTIONS

1. This model assumes linearity and constant returns to scale of resources used.
2. Quality of care will remain constant.
3. The patient case mix in future years will be similar to the case mix utilized in the study.

LIMITATIONS

1. Specific cost factors are not considered in the model. This would include factors such as cost per patient, and fixed costs.
2. Patient category priorities for care are not considered in the model. This includes patients by beneficiary categories such as active duty personnel, family members, and retired personnel. The implication of this limitation is the model may not reflect actual behavior of the organization. The model does not incorporate requirements to insure active duty service members receive services and other eligible beneficiaries when

resources are available. This facet was not considered in the model to keep the number of patient groups at a manageable level. The incorporation of patient beneficiary categories in the model would require 75 different patient classes as opposed to the 30 groups that were developed.

3. The upper demand for patient services does not account for eligible beneficiaries who received medical services under the MEDICARE program. The model accounts for potential patient demand by including beneficiaries who received inpatient services under the Civilian Health and Medical Program for the Uniformed Services (CHAMPUS). However, beneficiaries over 65 years of age are not eligible for CHAMPUS and normally receive care under MEDICARE benefits. This group may be significant both in terms of health care resource consumption and number of patients.
4. The model is limited to inpatient services provided.

Literature Review

The initial impetus in developing patient classification systems was due to concern over tremendous growth in health care costs, which by 1983 accounted for approximately 10.5% of the nations gross national product (Williams and Torrens, 1984). A significant amount of the initial research into patient classification systems was based on diagnostic grouping within the International Classification of Diseases (ICDA). Evans and Walker (1972) produced 98 groups based on ICDA and age/sex distributions.

Perhaps the most significant research effort in the development of patient classification systems was the Yale University study which resulted in the creation of Diagnosis Related Groups (DRGs) (Fetter et al, 1980). The primary purpose of the development of Diagnosis Related Groups was to produce a manageable, medically interpretable set of diagnostic groups that allow for differences in case complexity. Medically interpretable refers to the ability of physicians to relate to a specific class of patients and to identify a particular medical management path for them. Case complexity is described by age, primary and secondary diagnosis, and primary and secondary surgical procedure (Fetter et al, 1980).

Horn (1983) attempted to improve on Fetter's work by developing a severity of illness index within DRGs based on four levels of severity across seven dimensions. These dimensions included stage of primary diagnosis, complications, interactions, dependency, whether the patient had a non operative procedure, response rate to treatment and the

residual following therapy. By 1984, there were a variety of patient classification systems available within the health service industry (Plomann et al, 1984). The majority of these classification systems are based on the premise that health resource requirements are a function of patient case mix intensity.

Within the literature, a number of researchers have developed mathematical models based on case mix in an effort to examine the impact case mix has on hospital costs and resource consumption. Baligh and Laughunn (1969) developed a linear model where patients were divided into classes based on their "value" to the hospital, although they did not indicate how a health care facility would develop these values. The objective was to maximize the number of patients in each class subject to service availability, patient demand, budget constraints, policy constraints, and technology constraints. Goldfarb et al (1980) describe a linear model based on number of patients, case mix, quality of service, and revenues subject to constraints on the number of beds available.

Finally, Brandeau and Hopkins (1984) developed a linear model to examine the affect of changes in patient mix under existing and proposed reimbursement mechanisms on a large teaching hospital. The model specifically incorporated the costs, revenues, and resource consumption patterns associated with patients categorized into different intensity and payer groups. The model appears to be the only one in the literature which was actually implemented. This model was the basis for negotiating MEDICAID reimbursement rates for Stanford University Hospital in 1982 (Brandeau and Hopkins, 1984).

METHODOLOGY

The methodology for this project is divided into four primary sections:

1. Formulation of the linear model
and selection of data sources.
2. Generating model output.
3. Model analysis.
4. Model Validation.

The Linear Model

The following variables are utilized in the formulation of the linear model:

i = the index for inpatient clinical services ($i=1,2,\dots,10$)

j = the index of classes of patients by intensity levels of low, medium and high ($j=1,\dots,3$)

k = location of patient wards and nursing personnel ($k=1,\dots,5$)

x_{ij} = the total number of patients type j in the i th service

c_{ij} = relative patient value for service i and type j patient

b_{ij} = the mean bed days used for service i and type j patient

b_{ik} = the location of patient beds used by service i

b_k = the total bed days available at patient ward k

l_{ij} = the minimum patient demand for patient type j associated with service i

u_{ij} = the maximum patient demand for patient type j associated with service i

n_{ij} = the average number of nursing hours required to treat patient type j associated with service i

n_{ik} = the location of nursing personnel used by service i

n_k = total nursing hours available for patient ward k

p_{ij} = the average number of physician hours required to treat
patient type j associated with service i

p_i = the total number of physician hours available for service i

The linear model can be expressed as follows:

Maximize the weighted sum of patients treated =

$$\sum_{i=1}^m \sum_{j=1}^n c_{ij} x_{ij}$$

Subject to:

$$\sum_{i=1}^m \sum_{j=1}^n b_{ik} b_{ij} x_{ij} \leq b_k \quad (\text{for all } i\text{'s and } k\text{'s}) \quad \text{Bed Constraint (s)}$$

$$l_{ij} \leq x_{ij} \leq u_{ij} \quad (\text{for all } i\text{'s}) \quad \text{Demand Constraint(s)}$$

$$\sum_{i=1}^m \sum_{j=1}^n n_{ik} n_{ij} x_{ij} \leq n_k \quad (\text{for all } i\text{'s and } k\text{'s}) \quad \text{Nursing Constraint(s)}$$

$$\sum_{j=1}^n p_{ij} x_{ij} \leq p_i \quad (\text{for all } i\text{'s}) \quad \text{Physician Constraint(s)}$$

All variables ≥ 0

Data sources

Data was obtained from the Tri-Service Performance Measurement Working Group, Clinical Investigation and Health Care Studies Division, Fort Sam Houston, Texas; Office of the Civilian Health and Medical Program for the Uniformed Services (OCHAMPUS), Denver, Colorado; and the Department of Nursing and Resource Management Division of Silas B. Hays Army Community Hospital, Fort Ord, California.

The data obtained from the Tri-Service Performance Measurement Working Group consisted of two databases. Database 1 consisted of all inpatients receiving services at Silas B. Hays Hospital during fiscal year 1986. The data depicts by DRG code the frequency or number of patients treated and mean bed days used. The complete database is at Appendix A and consists of over 900 entries. Database 2 consisted of the 1986 Health Care Financing Administration DRG codes, verbal description, and relative cost weights. At appendix B is the complete database and totals 473 entries. The two databases were obtained in a LOTUS 123 spreadsheet format.

In an effort to structure the two databases in a usable format for the study, a computer program was developed to consolidate the verbal descriptions into the Silas B. Hays database. Appendix C lists the program and Appendix D is the consolidated database utilized in the study.

A third database was obtained from OCHAMPUS consisting of all patients receiving inpatient medical services under CHAMPUS benefits during FY86 for the Fort Ord catchment area. The catchment area is considered to be a 40 mile radius around Fort Ord.

The Department of Nursing of Silas B. Hays Hospital provided data concerning average number of nursing staff by ward location during FY86. This data was extracted from two separate bi-annual summary reports of the Workload Management System for Nurses (1985)

The Resource Management Division of Silas B. Hays Hospital provided data consisting of total physician inpatient hours worked during FY86 by clinical service.

Formulation of the objective function:

Within the objective function, j = the index for classes of patients and x_{ij} = total number of patients of type j associated with clinical service i . The primary objective in developing these classes was to determine a level of resource consumption or level of intensity. These classes of patients were created so that no patient belongs to more than one class and no patient fails to belong to a class. That is, these classes are collectively exhaustive and mutually exclusive.

The patient classes were developed based on the relative weight value associated with each DRG. This value represents average hospital costs for a specific case type. Pettengill and Vertrees originally developed the cost weights which became the basis for prospective payment under the MEDICARE program (1982). Utilizing billed charges as well as cost information for over 5900 hospitals and almost 2 million patient dispositions, they developed relative cost weights to accurately reflect the average cost per case type that were solely attributed to differences in case mix (Pettengill and Vertrees, 1982). The relative weights range from .1136 to 12.3234. A value of 1.0 indicates hospital costs equal to

the average costs for all hospitals. A case type of 1.5 indicates expected costs equal to one and one half times the average hospital costs (Pettengill and Vertrees (1982)).

Three classes were developed consisting of low, medium, and high intensity patients. All patient types with a relative weight value of greater than one were classified into the high intensity patient class. Although somewhat arbitrary, the low and medium weight ranges were developed by summing the relative weights of the DRGs between .1136 and .9999 and dividing by total number of DRGs. The ranges and corresponding patient intensity level are indicated at Table 1.

PATIENT INTENSITY LEVEL AND
DRG RELATIVE WEIGHT CLASSIFICATION SCHEME

<u>PATIENT INTENSITY</u>	<u>RELATIVE WEIGHT RANGE</u>
LOW	.1136-.6598
MEDIUM	.6615-.9999
<u>HIGH</u>	<u>1.0000-12.3234</u>

Table 1. Table 1 describes the development of patient intensity levels based on DRG relative weight values (source: author, May 87).

Inpatient workload for FY86 was distributed among 14 different clinical services. To maintain a manageable number of total groups, Family Practice workload as well as some subspecialty service workload was consolidated into major clinical services. Table 2 depicts the ten services utilized in the study and the clinical services which were consolidated.

CONSOLIDATION OF INPATIENT WORKLOAD
SBHACH, FY86

MAJOR CLINICAL SERVICE	CONSOLIDATED SERVICES
Internal Medicine	Cardiology, Neurology, Dermatology, Family Practice Medicine
General Surgery	Family Practice General Surgery
Urology	Family Practice Urology
Gynecology	Family Practice Gynecology
Obstetrics	Family Practice Obstetrics
Pediatrics	Family Practice Pediatrics
Neonatal	Family Practice Neonatal
Orthopaedics	Family Practice Orthopaedics
Psychiatry	Family Practice Psychiatry
<u>EENT (eye/ear/nose/throat)</u>	<u>Family Practice EENT</u>

Table 2. Table 2 depicts the consolidation of FY86 inpatient workload for Silas B. Hays Army Community Hospital (source: author, May 87).

The c_{ij} values represent the relative patient value in the objective function and is expressed by the case mix index for the j th type patient and i th service. Since the model is designed to maximize, the higher the case mix index for a class of patients within a service, the more value the hospital will place on that group of patients. The case mix index was developed by multiplying the number of patients treated by the respective DRG relative weight value. The weighted products were then summed and divided by the total number of patients for all the DRGs. This process was followed for each intensity level and each clinical service. Table 3 depicts the coefficient values for the objective function. Appendix E describes the calculations for each clinical service and patient intensity level.

OBJECTIVE FUNCTION VALUES FOR THE
LINEAR PROGRAMMING MODEL

CLINICAL SERVICES	PATIENT INTENSITY LEVELS		
	LOW	MED	HIGH
INTMED	.5689	.7770	1.3505
GENSURG	.5397	.8448	1.8444
UROL	.5099	.8715	1.7441
GYN	.4904	.8460	1.6551
OB	.3816	.7540	1.1486
PEDS	.5265	.7480	1.4929
NEONATAL	.2971	.6811	1.8296
ORTHO	.5291	.7404	1.1658
PSYCH	.5221	.7738	1.0729
EENT	.4409	.7943	2.1199

Table 3. Table 3 depicts the case mix indices for the linear programming model (source: author, May 87).

Formulation of Constraints

Bed Constraint

The measure of resource absorption for beds utilized by the various clinical services and classes of patients was developed by calculating the weighted mean of bed days utilized. The number of patients by DRG case type were multiplied by the mean bed days used per case type. The mean bed day products were summed and then divided by the total number of patients within the class. Table 4 depicts the weighted mean bed days used for each clinical service and patient intensity level. Calculations for this constraint can be found at Appendix E.

BED ABSORPTION FOR LINEAR MODEL

CLIN SERVICES	PATIENT INTENSITY LEVELS		
	LOW	MED	HIGH
INTMED	3.750	5.000	8.410
GENSURG	3.950	4.540	9.960
UROL	3.590	6.500	12.120
GYN	2.760	5.590	6.180
OB	3.000	4.250	7.140
PEDS	2.360	3.180	4.600
NEONATAL	3.510	0.820	3.590
ORTHO	3.830	4.810	7.960
PSYCH	6.150	7.390	65.580
EENT	2.210	3.730	8.140

Table 4. Table 4 show the weighted mean bed days used for each patient intensity level and clinical service during FY86 (source: author, May 87).

To determine the total number of beds available, the first step was to determine which patient wards were associated with specific clinical services. The Pediatric, Neonatal, Obstetrics, and Psychiatry services are associated with only one primary patient ward. The remaining clinical services utilize two patient wards interchangeably. There is a medical ward and surgical ward within the hospital consisting of 38 beds each. Patients may be placed on either unit contingent upon ward census and personnel staffing. Table 5 describes the patient wards associated with each clinical service.

PATIENT WARD AND
CLINICAL SERVICE ASSOCIATION

<u>CLINICAL SERVICE</u>	<u>TYPE WARD</u>
INT MED	Medical/Surgical
GEN SURG	Medical/Surgical
UROL	Medical/Surgical
GYN	Medical/Surgical
PEDS	Pediatric
OB	Obstetrics
NEONATAL	Neonatal
ORTHO	Medical/Surgical
PSYCH	Psychiatric
EENT	Medical/Surgical

Table 5. Table 5 describes the clinical service association with five types of wards at Silas B. Hays Army Community Hospital for FY86 (source: author May 87).

Table 6 is a matrix describing the association of clinical services to the five patient wards. The value of "1" is placed into the matrix where the association between bed location and clinical service exists to illustrate the mechanics of the linear model. If we assume all blanks in Table 6 are equal to 0, the constraint equation

$$\sum_{ij} b_{ik} b_{ij} x_{ij} \leq b_k$$

will only charge a clinical service for beds used when $b_{ik} = 1$.

MATRIX OF CLINICAL SERVICE AND
PATIENT WARD ASSOCIATION

CLIN SERVICES	PATIENT WARDS				
	MEDSURG	PEDS	NEONATAL	OBSTET	PSYCH
INTMED	1				
GENSURG	1				
UROL	1				
GYN	1				
OB				1	
PEDS		1			
NEONATAL			1		
ORTHO	1				
PSYCH					1
EENT	1				

Table 6. Table 6 is a matrix description of clinical service association and patient wards for Silas B. Hays Army Community Hospital for FY86 (source: author, May 87).

The total beds available for FY86 were calculated by multiplying the number of daily available beds by 365 days and is depicted in table 7.

TOTAL BEDS AVAILABLE
FY 86

<u>PATIENT WARD</u>	<u>DAILY AVAILABLE BEDS</u>	<u>BEDS AVAILABLE FOR FY</u>
MED/SURG	76	27740
PEDS	23	8395
NEONATAL	34	12410
OB	20	7300
PSYCH	40	14600

Table 7. Table 7 depicts the total number of beds available for Silas B. Hays Army Community Hospital for FY 86 (source: author, May 87).

Demand Constraint

The minimum demand level by patient class (l_{ij}) is developed based on the premise that each service requires a certain minimum amount of workload for teaching purposes and to maintain medical proficiency. This constraint was developed by soliciting expert opinion from selected members of the clinical staff. Each service chief for clinical services utilized in the study group was provided a listing of patient data for his or her clinical service during FY86. This patient data was extracted from Appendix E and consisted of all data relevant to the specific clinical service. The service chief was asked to make a recommendation of the minimum number of patients required to maintain medical proficiency and for teaching purposes. Table 8 depicts the lower bound of patient demand as estimated by the clinical chiefs.

CLIN SERVICES	MINIMUM DEMAND LEVELS		
	PATIENT INTENSITY LEVELS		
	LOW	MED	HIGH
INTMED	200	300	75
GEN SURG	146	125	70
UROL	135	75	35
GYN	175	120	30
OB	920	290	120
PEDS	372	185	34
NEONATAL	920	28	30
ORTHO	22	41	19
PSYCH	10	10	8
EENT	256	20	6

Table 8. Table 8 depicts the minimum workload estimated by the clinical service chiefs based on FY86 DRG data (source: author, May 87).

The upper limit on patient demand was calculated utilizing the number of patients treated at Silas B. Hays Hospital during FY86 plus a quantity of unmet demand as extracted from CHAMPUS data. Reports were obtained from OCHAMPUS which depict, by primary diagnosis and number of patients, beneficiaries receiving inpatient medical service under CHAMPUS benefits during FY86 for the Fort Ord catchment area. These patients were classified into the patient intensity levels and clinical services. Seventy five patients who required a clinical service that is not within the mission of the hospital were not included in the classification. This includes patients requiring neurosurgical, vascular

surgery, and intensive neonatal clinical services among others. The classification was done by the nursing supervisor for medical/surgical services at Silas B. Hays Hospital. This individual was selected due to her willingness to participate in the study and clinical nursing experience of more than twenty years. Since the CHAMPUS data could not be obtained in a DRG format, the classifications were based on a subjective assessment by the nursing supervisor.

There were a total of 742 patients who received inpatient services under the CHAMPUS program during FY86. This number accounts for 7.7% of the total demand for inpatient services for the Fort Ord catchment area. Recall, however, the total patient demand does not account for eligible beneficiaries who received medical services under MEDICARE benefits.

Table 9 describes the number of patients receiving medical services at Silas B. Hays Hospital, under CHAMPUS benefits, and total patient demand.

UPPER LIMIT OF PATIENT DEMAND FORT ORD CATCHMENT AREA, FY86			
CLIN SERVICES	PATIENT INTENSITY LEVELS		
	LOW	MED	HIGH
<hr/>			
INT MED			
SBHACH	518	702	382
CHAMPUS	99	93	12
TOTAL DEMAND	617	795	394
GEN SURG			
SBHACH	398	242	179
CHAMPUS	25	43	0
TOTAL DEMAND	423	285	179

UPPER LIMIT OF PATIENT DEMAND (cont)
FORT ORD CATCHMENT AREA, FY86

		PATIENT INTENSITY LEVELS		
		LOW	MED	HIGH
CLIN SERVICES				
<hr/>				
UROL				
	SBHACH	159	94	42
	CHAMPUS	0	0	0
	TOTAL DEMAND	159	94	42
GYN				
	SBHACH	274	130	45
	CHAMPUS	24	11	0
	TOTAL DEMAND	298	141	45
OB				
	SBHACH	1613	342	159
	CHAMPUS	154	52	0
	TOTAL DEMAND	1767	394	159
PEDS				
	SBHACH	572	285	52
	CHAMPUS	3	7	0
	TOTAL DEMAND	575	292	52
NEONATAL				
	SBHACH	1296	28	43
	CHAMPUS	0	0	0
	TOTAL DEMAND	1296	28	43
PSYCH				
	SBHACH	27	166	38
	CHAMPUS	56	14	0
	TOTAL DEMAND	83	180	38
EENT				
	SBHACH	320	22	7
	CHAMPUS	14	1	0
	TOTAL DEMAND	334	23	7
<hr/>				

Table 9. Table 9 depicts by patient intensity level and clinical service the number of patients receiving medical services at Silas B. Hays Hospital, CHAMPUS, and total patient demand (source: author, May 87).

Personnel Constraints

The physician and nursing estimates of resource absorption were developed by soliciting expert opinion from selected members of the physician and nursing staff. For the physician estimate, each clinical service chief was provided a descriptive listing of all case types treated during FY86 from Appendix E for his or her clinical service. He/she was asked to make an assessment of the mean time required to treat an average patient within each intensity level based on three different parameters; the least amount of time required, the most pessimistic time required, and the most probable time required. The measurement was expressed in hours and a weighted mean estimate was developed based on the following formula.

$$(LEAST\ TIME\ REQ + 4\ (MOST\ PROBABLE\ TIME\ REQ) + (MOST\ PESSIMISTIC\ TIME\ REQ) / 6$$

For the nursing resource estimate, the same data from Appendix E was provided to the nursing supervisor for medical, surgical, psychiatric services and the nursing supervisor for obstetrics, gynecology, pediatrics, and neonatal services. The two supervisors were asked to make the estimates in the manner described for physician estimates, but for nursing hours required for an average patient. Table 10 and 11 describe the estimates of physician and nursing resource absorption.

PHYSICIAN RESOURCE ESTIMATES

CLINICAL SERVICES	PATIENT INTENSITY LEVELS		
	LOW	MED	HIGH
INTMED	4.1666	10.330	15.0000
GENSURG	6.1600	13.000	12.6600
UROL	4.3333	6.5000	10.6666
GYN	1.5416	3.6166	3.7833
OB	3.1600	4.0833	5.3750
PEDS	2.1666	3.3333	5.3750
NEONATAL	2.3333	3.3333	5.0000
ORTHO	4.6666	5.3500	9.0833
PSYCH	6.5000	14.5000	101.6666
EENT	3.0839	3.5000	15.000

Table 10. Table 10 depicts the estimated physician hours required to treat an average patient case type (source: author, May 87).

NURSING RESOURCE ESTIMATES

CLINICAL SERVICES	PATIENT INTENSITY LEVELS		
	LOW	MED	HIGH
INTMED	10.000	12.000	27.000
GENSURG	5.333	10.660	32.333
UROL	8.000	15.833	38.333
GYN	5.000	6.000	6.000
OB	8.111	7.166	9.166
PEDS	6.111	7.166	6.500

NURSING RESOURCE ESTIMATES (cont)

CLINICAL SERVICES	PATIENT INTENSITY LEVELS		
	LOW	MED	HIGH
NEONATAL	4.166	19.680	21.666
ORTHO	5.333	13.416	20.708
PSYCH	19.833	19.660	138.500
EENT	7.500	12.800	20.200

Table 11. Table 11 describes the estimated nursing hours required to treat an average patient case type (source: author, May 87).

Since physicians are associated with a specific clinical service (i), and nurses with a specific type ward (k), the total amount of available time for these two constraints was developed from different sources. The maximum amount of physician time available during FY86 was based on data extracted from the Uniform Chart of Account for Personnel Utilization System (UCAPERS). This is a workload and time reporting system utilized in all uniformed services health care facilities. Physicians are required bi-annually to make estimates of what percent of their time is devoted to inpatient care. The surveys from January and June 86 were utilized for the study and a mean estimate was calculated from the two survey estimates. Each physician is also required to account for the total number of hours worked each month. For each physician providing inpatient services, these monthly hours were summed for the period of October 85 through September 86. The total monthly hours were multiplied by the mean percent of time spent providing

inpatient services per physician. Once the fiscal year total inpatient hours were calculated for each physician, these values were summed by clinical service to determine the total amount of physician hours available for inpatient services.

Since workload hours are reported by each of the 14 different clinical services, the Family Practice and sub specialty services were consolidated into the ten services utilized in the study. Table 12 depicts the estimated physician hours available for inpatient services for each clinical service and total consolidated hours available.

PHYSICIAN HOUR LIMITS
FY 86

CLINICAL SERVICES	TOTAL ESTIMATED HOURS
Int Med	1455
Fam Pract Med	3543
Cardiology	383
Neurology	412
Dermatology	89
TOTAL INT MED HOURS	<u>5882</u>
Gen Surg	3873
TOTAL GEN SURG HOURS	<u>3873</u>
Urol	2429
Family Practice Urol	12
TOTAL UROL HOURS	<u>2441</u>
Gyn	2300
Family Practice Gyn	668
TOTAL GYN HOURS	<u>2968</u>
OB	3073
Family Practice OB	2246
TOTAL OB HOURS	<u>5319</u>
Peds	1974
Family Practice Peds	787
TOTAL PEDS HOURS	<u>2761</u>

PHYSICIAN HOUR LIMITS
FY 86 (cont)

CLINICAL SERVICES	TOTAL ESTIMATED HOURS
Neonatal	1112
Family Practice Neo	2250
TOTAL NEONATAL HOURS	<u>3362</u>
Ortho	3205
Family Practice Ortho	147
TOTAL ORTHO HOURS	<u>3352</u>
Psych	1198
TOTAL PSYCH HOURS	<u>1198</u>
EENT	1291
Family Practice EENT	377
TOTAL EENT HOURS	<u>1668</u>

Table 12. Table 12 depicts the estimated amount of available physician hours for inpatient services by clinical specialty (author, May 87).

The amount of total nursing time available was developed from two-biannual reports from the Workload Management System for Nursing (WMSN). The WMSN is a patient acuity model designed to estimate nurse staffing requirements. The two reports utilized in the study are ward specific and include mean daily number of nursing personnel available for duty in a 24 hour period. A weighted mean number of nursing personnel was calculated for these two reports and for each type ward. Nursing personnel on the medical, surgical, and intensive care units were combined to create one patient ward type called Med Surg. Since nursing personnel are only available eight hours a day, the mean number of nursing personnel available for a 24 hour period was divided by 3. This value was multiplied by 365 days for the year and again by 24 to determine the total number of hours available. Table 13 lists the nursing hours limits by type of patient ward.

NURSING HOUR LIMITS
FY86

WARD TYPE	MEAN DAILY AVAILABLE NURSING PERSONNEL PER SHIFT	YEARLY AVAILABLE NURSING PERSONNEL HOURS
MED SURG	12.21	107016
OB	2.483	21752
PEDS	2.666	23360
PSYCH	1.90	16640
NEONATAL	2.8	24528

Table 13. Table 13 depicts the estimated amount of available nursing hours for inpatient services by patient ward (author, May 87).

Generating Model Output/ Model Analysis

Model output was generated utilizing the General Algebraic Modeling System (GAMS) developed by Brooks, Druid, and Meeraus of the World Bank (1987). Assistance in generating the output was provided by Dr. Richard E. Rosenthal, Associate Professor of Operations Research, Naval Postgraduate School, Monterey, California.

The model was successful at producing a feasible/optimal solution. That is, there were no unbounded constraints or infeasible constraints within the model. The model generated a weighted sum of patients treated of 4079 and total number of patients allocated to the various patient groups of 6651. At Appendix F are the results of the initial generation of output. Table 14 shows a comparison of the number of patients generated by the model and the minimum/maximum constraint bounds. The marginal column provides an indication of the costs or profits in relative terms of the addition of another patient in a given patient group.

COMPARISON OF PATIENTS ALLOCATED
FOR INITIAL OUTPUT OF LINEAR MODEL

		LOWER	LEVEL	UPPER	MARGINAL
INTMED	.LOW	200.0000	397.9260	617.0000	.
INTMED	.MED	300.0000	397.9264	617.0000	-0.6334
INTMED	.HIGH	75.0000	75.0000	394.0000	-0.6976
GENSURG	.LOW	146.0000	146.0000	423.0000	-0.3577
GENSURG	.MED	125.0000	125.0000	285.0000	-1.0491
GENSURG	.HIGH	70.0000	106.5277	179.0000	.
UROL	.LOW	135.0000	159.0000	159.0000	0.5099
UROL	.MED	75.0000	94.0000	94.0000	0.8715
UROL	.HIGH	35.0000	42.0000	42.0000	1.7441
GYN	.LOW	175.0000	298.0000	298.0000	0.4904
GYN	.MED	120.0000	141.0000	141.0000	0.8460
GYN	.HIGH	30.0000	45.0000	45.0000	1.6551
OB	.LOW	920.0000	961.8049	1767.0000	.
OB	.MED	290.0000	349.0000	349.0000	0.2609
OB	.HIGH	120.0000	159.0000	159.0000	0.4995
PEDS	.LOW	372.0000	575.0000	575.0000	0.5265
PEDS	.MED	185.0000	292.0000	292.0000	0.7480
PEDS	.HIGH	34.0000	52.0000	52.0000	1.4929
NEONATAL	.LOW	920.0000	1296.0000	1296.0000	0.2971
NEONATAL	.MED	28.0000	28.0000	28.0000	0.6811
NEONATAL	.HIGH	30.0000	43.0000	43.0000	1.8296
ORTHO	.LOW	22.0000	22.0000	277.0000	-0.0698

COMPARISON OF PATIENTS ALLOCATED (cont)
FOR INITIAL OUTPUT OF LINEAR MODEL

		LOWER	LEVEL	UPPER	MARGINAL
ORTHO	.MED	41.0000	415.0000	415.0000	0.0538
ORTHO	.HIGH	19.0000	113.2942	188.0000	.
PSYCH	.LOW	10.0000	36.8719	83.0000	.
PSYCH	.MED	10.0000	10.0000	180.0000	-0.3909
PSYCH	.HIGH	8.0000	8.0000	38.0000	-7.0933
EENT	.LOW	256.0000	334.0000	334.0000	0.4409
EENT	.MED	20.0000	23.0000	23.0000	0.7943
EENT	.HIGH	6.0000	7.0000	7.0000	2.1199

Table 14. Table 14 shows a comparison of the number of patients generated by the model and the minimum/maximum constraint bounds (source: GAMS output, Jun 87).

From table 14, the highest cost incurred (\$7.09) is for the addition of another high intensity psychiatric patient. This appears to be logical considering the model indicates an average high intensity psychiatric patient requires approximately 65 bed days, 100 hours of physician resources, and 138 hours of nursing resources. On the other hand, the addition of a high intensity EENT patient will result in a relative profit of \$2.12.

Further analysis of the initial output indicates that physician hour limits appear to inhibit the model from allocating additional patients. Table 15 compares the amount of physician hours used and the total amount of physician hours available.

PHYSICIAN RESOURCE UTILIZED

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	5882.000	5882.000	0.137
GENSURG	-INF	3873.000	3873.000	0.146
UROL	-INF	1747.992	2441.000	.
GYN	-INF	1139.586	2968.000	.
OB	-INF	5319.000	5319.000	0.121
PEDS	-INF	2498.619	2761.000	.
NEONATAL	-INF	3332.289	3362.000	.
ORTHO	-INF	3352.000	3352.000	0.128
PSYCH	-INF	1198.000	1198.000	0.080
EENT	-INF	1215.523	1668.000	.

Table 15. Table 15 compares the amount of physician hours used and the total amount of physician hours available (source: GAMS output, Jun 87).

The internal medicine, general surgery, obstetrics, orthopaedic and psychiatry services utilized all available physician hours. The model directs all other clinical services to provide services for the maximum patient demand. Further inspection of table 15 reveals additional hours available for the pediatric, neonatal, gynecology, urology, and EENT services.

Since the same set of physicians provide services for OB/GYN and Pediatrics/Neonatal services, the total hours available for these two services were merged and a second iteration of model output was generated. The results are listed at Appendix G. The second iteration

produced a weighted sum of patient of 4299 compared to the initial output of 4079 and total patients allocated increased from 6651 to 7233 for a net gain of 582 patients. Table 16 lists the comparison of number of patients allocated by the model and the minimum/maximum patient demand bounds.

COMPARISON OF PATIENTS ALLOCATED
WITH MERGED OB/GYN AND PEDS/NEONATAL PHYSICIAN HOURS

		LOWER	LEVEL	UPPER	MARGINAL
INTMED	.LOW	200.000	397.926	617.000	.
INTMED	.MED	300.000	300.000	795.000	-0.633
INTMED	.HIGH	75.000	75.000	394.000	-0.698
GENSURG	.LOW	146.000	146.000	423.000	-0.358
GENSURG	.MED	125.000	125.000	285.000	-1.049
GENSURG	.HIGH	70.000	106.528	179.000	.
UROL	.LOW	135.000	159.000	159.000	0.510
UROL	.MED	75.000	94.000	94.000	0.871
UROL	.HIGH	35.000	42.000	42.000	1.744
GYN	.LOW	175.000	298.000	298.000	0.304
GYN	.MED	120.000	141.000	141.000	0.409
GYN	.HIGH	30.000	45.000	45.000	1.198
OB	.LOW	920.000	1540.417	1767.000	.
OB	.MED	290.000	349.000	349.000	0.261
OB	.HIGH	120.000	159.000	159.000	0.500
PEDS	.LOW	372.000	575.000	575.000	0.526
PEDS	.MED	185.000	292.000	292.000	0.748

COMPARISON OF PATIENTS ALLOCATED
WITH MERGED OB/GYN AND PEDS/NEONATAL PHYSICIAN HOURS

		LOWER	LEVEL	UPPER	MARGINAL
PEDS	.HIGH	34.000	52.000	52.000	1.493
NEONATAL	.LOW	920.000	1296.000	1296.000	0.297
NEONATAL	.MED	28.000	28.000	28.000	0.681
NEONATAL	.HIGH	30.000	43.000	43.000	1.830
ORTHO	.LOW	22.000	22.000	277.000	-0.070
ORTHO	.MED	41.000	415.000	415.000	0.054
ORTHO	.HIGH	19.000	113.294	188.000	.
PSYCH	.LOW	10.000	36.872	83.000	.
PSYCH	.MED	10.000	10.000	180.000	-0.391
PSYCH	.HIGH	8.000	8.000	38.000	-7.093
EENT	.LOW	256.000	334.000	334.000	0.441
EENT	.MED	20.000	23.000	23.000	0.794
EENT	.HIGH	6.000	7.000	7.000	2.120

Table 16. Table 16 lists the comparison of number of patients allocated by the model and the minimum/maximum patient demand bounds with the merging of OB/GYN AND Peds/Neonatal physician hours (source: GAMS output, Jun 87).

Table 17 describes the physician hours absorbed by the merging of total available hours for the OB/GYN and Peds/Neonatal services. Since the model had allocated the maximum number of patient to the pediatric, gynecology, and neonatal services on the initial output generation, there was no increase in patients allocated for these services. The increase was allocated to the OB service.

PHYSICIAN RESOURCE UTILIZATION
MERGED OB/GYN AND PEDS/NEONATAL PHYSICIAN HOURS

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	5882.000	5882.000	0.137
GENSURG	-INF	3873.000	3873.000	0.146
UROL	-INF	1747.992	2441.000	.
ORTHO	-INF	3352.000	3352.000	0.128
PSYCH	-INF	1198.000	1198.000	0.080
EENT	-INF	1215.523	1668.000	.
OB/GYN	-INF	8287.000	8287.000	0.121
PEDS/NEONAT	-INF	5830.908	6123.000	.

Table 17. Table 17 describes the physician hours absorbed by the merging of total available hours for the OB/GYN and Peds/Neonatal services (source: GAMS output, Jun 87).

One of the primary goals of this model is to describe which clinical services and patient intensity levels are producing the most significant intensity of outputs. The model does accomplish this, but the degree of magnitude is inhibited to some extent by the minimum patient bounds established for teaching purposes and to maintain medical proficiency. In an effort to develop some indication of which patient types are producing the largest degree of outputs, a third iteration was of the model was generated without any minimum patient demand. This iteration produced a weighted sum of patients of 4522 and total number of patients allocated to the various groups of 7423. Table 18 describes the comparison of the number of patients allocated by the model and the maximum patient demand. The output for this iteration is at Appendix H.

COMPARISON OF PATIENTS ALLOCATED
WITH NO MINIMUM PATIENT DEMAND

		LOWER	LEVEL	UPPER	MARGINAL
INTMED	.LOW	.	617.000	617.000	0.194
INTMED	.MED	.	.	795.000	-0.153
INTMED	.HIGH	.	220.747	394.000	.
GENSURG	.LOW	.	260.854	423.000	.
GENSURG	.MED	.	.	285.000	-0.294
GENSURG	.HIGH	.	179.000	179.000	0.735
UROL	.LOW	.	159.000	159.000	0.510
UROL	.MED	.	94.000	94.000	0.871
UROL	.HIGH	.	42.000	42.000	1.744
GYN	.LOW	.	298.000	298.000	0.304
GYN	.MED	.	141.000	141.000	0.409
GYN	.HIGH	.	45.000	45.000	1.198
OB	.LOW	.	1540.417	1767.000	.
OB	.MED	.	349.000	349.000	0.261
OB	.HIGH	.	159.000	159.000	0.500
PEDS	.LOW	.	575.000	575.000	0.526
PEDS	.MED	.	292.000	292.000	0.748
PEDS	.HIGH	.	52.000	52.000	1.493
NEONATAL	.LOW	.	1296.000	1296.000	0.297
NEONATAL	.MED	.	28.000	28.000	0.681
NEONATAL	.HIGH	.	43.000	43.000	1.830
ORTHO	.LOW	.	.	277.000	-0.070

COMPARISON OF PATIENTS ALLOCATED (cont)
WITH NO MINIMUM PATIENT DEMAND

		LOWER	LEVEL	UPPER	MARGINAL
ORTHO	.MED	.	415.000	415.000	0.054
ORTHO	.HIGH	.	124.597	188.000	.
PSYCH	.LOW	.	83.000	83.000	0.175
PSYCH	.MED	.	45.414	180.000	.
PSYCH	.HIGH	.	.	38.000	-4.353
EENT	.LOW	.	334.000	334.000	0.441
EENT	.MED	.	23.000	23.000	0.794
EENT	.HIGH	.	7.000	7.000	2.120

Table 18. Table 18 describes the comparison of the number of patients allocated by the model and the maximum patient demand (source: GAMS output, Jun 87).

Inspection of table 18 reveals the model made no allocation of patients for the internal medicine medium class, general surgery medium, orthopaedic low, and psychiatric high intensity patients. Of the remaining 26 patient classes, the model allocated the maximum demand to 22 services and patient intensity levels. The purpose of this exercise is simply to provide an indication of which groups of patients are most profitable or expensive without the constraint of minimum demand levels.

An analysis of the remaining constraint sets indicates that nursing nor bed days utilized were a factor in the number of patients allocated by the model. Table 19 and 20 are extracted from Appendix G and provide a comparison of nursing and bed day resources utilized by the model and total resources available.

Table 19 shows the nursing resource absorption and total available nursing hours for the five ward types. Forty two percent of the total nursing hours available were utilized. The implication of this is nursing personnel within the hospital are idle approximately 58% of the time, which does not seem rational. There is a high probability that nursing hours required for a typical case type have been underestimated, the total amount of nursing hours available are overestimated, or a combination of both.

NURSING RESOURCE UTILIZATION
MERGED OB/GYN AND PEDS/NEONATAL PHYSICIAN HOURS

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	5944.297	23360.000	.
NEONATAL	-INF	6881.814	24528.000	.
PSYCH	-INF	2035.880	16640.000	.
MEDSURG	-INF	33107.889	1.0702E+5	.
OBSTET	-INF	16452.649	21752.000	.

Table 19. Table 19 shows the nursing resource absorption and total available nursing hours for the five ward types (source: GAMS output, June 87).

Table 20 compares the bed days used in the model output and the total beds available. The bed days used by the model were 37% of the total bed days available.

BED RESOURCE UTILIZATION
MERGED OB/GYN AND PEDS/NEONATAL PHYSICIAN HOURS

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	2524.760	8395.000	.
NEONATAL	-INF	4726.290	12410.000	.
PSYCH	-INF	825.302	14600.000	.
MEDSURG	-INF	13270.951	27740.000	.
OBSTET	-INF	7239.761	13870.000	.

Table 20. Table 20 compares the bed days used in the model output and the total beds available (source: GAMS output, June 87).

Model Validation

The model can be validated utilizing criteria developed for mathematical models as described by Giordono and Weir (1985).

1. Does the model answer the problem statement?
2. Is the model usable in a practical sense? That is,
can the data to operate the model actually be gathered?
3. Does the model make common sense?

The model developed in this study allocated patients based on the most optimal case mix and resource absorption patterns of the various patient classes. Patient classes were weighted based on their value to the hospital. More value was placed on the higher intensity patients than lower intensity patients. The model has described the consequences of variations in physician hours available and changes in patient demand for services. There was an attempt to develop the objective function and estimates for the resources absorbed by the various patients groups

in a rational manner and utilizing data available in a military health care facility and other DOD agencies. However, the model can only be considered valid based on the assumptions of the behavior being measured, the accuracy of the estimates formulated, and its' limitations.

Concerning the accuracy of resources absorbed, it appears the nursing constraint set was not accurate. From an intuitive perspective, one would expect nursing resources to impact on the hospitals' ability to provide services to a more significant degree than the model output indicates.

For the physician and bed resources used by the model, these estimates can be compared to actual number of patients treated and the total number of bed days used during FY86 in an effort to provide an indication of validity. The second iteration of model output (Appendix G) allocated a total number of patients of 7233 and total bed days used of 28587. The actual performance of the hospital for FY86 was 8135 inpatients and total bed days used of 41037. A ratio of number of patients to bed days used can be calculated for the model output and actual hospital performance for FY86. The model output produces a ratio of .2530 (7233/28587) versus the actual hospital performance for FY86 of .1982 (8135/41037). The ratio of the model output is within 5.5% of the actual FY86 performance ($.2530 - .1982 = .548$) for the bed resources utilized. This would appear to be a reasonably valid estimate.

Considering that 8135 inpatients received services in FY86, it would seem reasonable to expect the model to allocate approximately the same number of patients. The second iteration of model output allocated 7233 patients. Since physician hours available were inhibiting the model from allocating additional patients, a fourth iteration of model output was generated increasing the total number of physician hours for each service by 50% and the results of this output generation is at Appendix I. This resulted in the model allocating a total of 8407 patients. The physician hours utilized for this output iteration is at table 21. One could speculate that the physician resource absorption, total hours available, or a combination of both vary from actual physician behavior by 30-40 percent. Overall, the physician constraint set seems to be moderately underestimated.

PHYSICIAN RESOURCE UTILIZATION
WITH 50% INCREASE FACTOR FOR HOURS AVAILABLE

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	8823.000	8823.000	0.090
GENSURG	-INF	5809.500	5809.500	0.088
UROL	-INF	1747.992	3661.500	.
ORTHO	-INF	5028.000	5028.000	0.113
PSYCH	-INF	1797.000	1797.000	0.053
EENT	-INF	1215.523	2502.000	.
OB/GYN	-INF	9003.003	12430.500	.
PEDS/NEONAT	-INF	5830.908	9184.500	.

Table 21. Table 21 describes the physician resources utilized with a 50% increase factor for available hours (source: GAMS output, Jun 87).

Management Considerations

The inpatient case mix allocation model can be a useful tool for hospital management in evaluating future health care delivery alternatives for the Fort Ord beneficiary population. The environment of the uniformed services delivery system is dynamic and parallels the civilian health services industry. There are a number of initiatives ongoing which will affect the health care delivery at Silas B. Hays Hospital. The hospital administration is presently negotiating with the Veterans Administration for shared services and planning for the implementation of two ambulatory care clinics under the Primary Care for the Uniformed Services (PRIMUS) program. The PRIMUS clinic is a contractual agreement between the hospital commander and a health care delivery contractor to provide primary care services to a segment of the local beneficiary population. There are also congressional initiatives to reform the CHAMPUS program. The implications of sharing agreements, contracting of primary care, and CHAMPUS reform are opportunities for the military health facility commander to evaluate and select from a variety of management alternatives. The model developed will provide the commander an indication of which services and patient types should be allocated to the military health care facility and to the civilian health care sector.

Although a definitive methodology for uniformed services health resource allocation has not been developed at this time, the model will allow for alteration of the objective function coefficients once the DOD resource allocation methodology has been developed. Given that the allocation of health care resources will utilize Diagnosis Related

Groups, the use of DRG case mix indices within the objective function in this study seems to be appropriate.

The model should be utilized as an adjunct to other management information systems within the hospital, and from the perspective of its' assumptions and limitations. Additionally, the refinement of the nursing and physician resource parameters will improve the usefulness of the model.

Conclusions and Recommendations

A case mix allocation model was developed which allocates patients to various clinical services and patient intensity levels based on the value of various patient groups and their resource consumption patterns. The problem statement, objectives and criteria of the study have been met given the assumptions and limitations of the model. The model has potential to be a useful management tool for future inpatient allocation issues.

The model is a foundation which can be built upon to improve its' usefulness to management. Future research efforts should include refinement of the resource consumption estimates and limits. Physician and Nursing consumption patterns within the various patient groups could be measured by selecting a representative sample of DRGs within the various patient groups. Audit and concurrent measurement of physician hours reported may improve the accuracy of the physician hours limits. The addition of patient beneficiary categories may improve the ability of the model to reflect actual hospital behavior. A methodology to capture eligible beneficiaries receiving services under MEDICARE benefits would

also enhance the accuracy of the model. One approach might be a survey of retired personnel in the Fort Ord catchment area

There are contributions and costs associated with other activities within the hospital, which could be added into the model. Radiology, pathology services, and supply costs are consumed by the various patient groups at different rates. Measurement of these consumption patterns would provide the model with a further degree of refinement.

With the advent of a DRG based resource allocation methodology for military treatment facilities, management must understand how different patient types are consuming the available resources and the consequences to the health care resources allocated for the facility. There is an impetus to know which patient types will result in the best form of reimbursement for the facility. In military health care facilities, this takes the form of personnel allocation and budget. The case mix model is a practical first step to achieve a better understanding of these issues.

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APPENDIX A

Appendix A is a printout of the inpatient workload performed by Silas B. Hayes Hospital per DRG code, clinical service, number of patients, and average length of hospital stay for FY 86.

FT ORD DRG DATA BY CLINIC SERVICE (IPDS-defined) FY 1986

DRG	CLSVC	FREQ	ALOS
10	AA	1	6.00
11	AA	2	3.50
12	AA	11	10.00
13	AA	3	2.00
14	AA	12	10.67
15	AA	12	2.83
16	AA	1	7.00
17	AA	1	14.00
18	AA	1	6.00
19	AA	3	6.00
20	AA	1	14.00
21	AA	2	9.00
23	AA	1	2.00
24	AA	4	4.75
25	AA	38	2.55
26	AA	1	1.00
27	AA	2	2.00
28	AA	6	1.83
29	AA	5	2.40
30	AA	2	3.50
32	AA	1	2.00
34	AA	2	3.50
35	AA	3	7.00
39	AA	1	2.00
44	AA	1	6.00
45	AA	2	3.00
46	AA	1	1.00
47	AA	4	7.00
57	AA	1	7.00
65	AA	1	2.00
68	AA	2	4.50
69	AA	17	3.12
71	AA	1	4.00
73	AA	1	1.00
76	AA	1	4.00
77	AA	1	24.00
78	AA	4	11.50
79	AA	6	8.00
80	AA	1	9.00
82	AA	19	7.68
85	AA	4	12.00
86	AA	5	4.60
87	AA	2	13.00

DRG	CLSVC	FREQ	ALOS
88	AA	47	7.32
89	AA	15	8.13
90	AA	16	4.06
92	AA	1	7.00
93	AA	2	9.00
96	AA	6	8.33
97	AA	42	3.86
100	AA	2	8.00
101	AA	4	4.75
102	AA	6	3.00
109	AA	1	4.00
115	AA	2	2.50
116	AA	1	2.00
120	AA	1	7.00
121	AA	7	12.00
122	AA	28	7.89
123	AA	2	6.50
124	AA	1	5.00
126	AA	2	10.50
127	AA	37	7.05
128	AA	1	8.00
129	AA	5	5.60
130	AA	9	5.33
131	AA	5	5.20
132	AA	25	5.00
133	AA	9	3.78
134	AA	25	4.32
135	AA	5	6.00
136	AA	2	3.50
138	AA	34	4.62
139	AA	20	3.20
140	AA	23	3.87
141	AA	6	6.83
142	AA	5	1.80
143	AA	19	3.32
144	AA	4	11.50
145	AA	2	5.50
146	AA	1	22.00
154	AA	2	15.00
155	AA	1	17.00
158	AA	1	14.00
161	AA	1	5.00
162	AA	4	6.50
167	AA	1	5.00
169	AA	2	28.50
174	AA	14	5.07
175	AA	13	5.08
177	AA	2	3.50
178	AA	2	2.50
179	AA	5	7.00
180	AA	1	17.00
181	AA	1	1.00

DRG	CL SVC	FREQ	ALOS
182	AA	19	5.84
183	AA	47	3.38
184	AA	1	2.00
185	AA	1	15.00
188	AA	2	1.50
189	AA	6	4.50
202	AA	3	14.00
203	AA	1	8.00
204	AA	3	4.33
205	AA	10	7.40
206	AA	11	4.36
208	AA	2	7.50
219	AA	1	25.00
231	AA	2	2.00
232	AA	2	2.50
239	AA	1	1.00
240	AA	3	7.33
241	AA	9	4.00
243	AA	11	12.73
244	AA	3	7.33
245	AA	2	4.00
247	AA	8	2.75
248	AA	5	2.80
253	AA	1	5.00
254	AA	1	30.00
256	AA	2	6.50
269	AA	1	5.00
272	AA	1	3.00
273	AA	2	16.50
274	AA	3	6.00
275	AA	1	5.00
276	AA	1	7.00
277	AA	4	4.75
278	AA	15	4.13
280	AA	2	2.50
281	AA	1	1.00
283	AA	2	7.00
284	AA	4	3.00
287	AA	2	7.50
292	AA	1	9.00
294	AA	35	4.86
295	AA	10	7.60
296	AA	5	4.80
297	AA	7	4.57
299	AA	1	6.00
300	AA	3	6.67
301	AA	4	3.25
313	AA	2	5.50
316	AA	6	6.00
320	AA	9	5.00
321	AA	19	4.37
322	AA	1	10.00

DRG	CLSVC	FREQ	ALOS
324	AA	1	3.00
325	AA	1	1.00
326	AA	4	3.25
331	AA	4	9.50
332	AA	1	1.00
336	AA	1	26.00
339	AA	1	6.00
346	AA	1	25.00
350	AA	6	4.00
352	AA	1	9.00
356	AA	1	14.00
366	AA	2	6.00
371	AA	1	32.00
372	AA	1	16.00
376	AA	1	11.00
383	AA	2	4.50
394	AA	1	5.00
395	AA	12	4.92
397	AA	3	3.00
398	AA	6	3.83
402	AA	1	10.00
403	AA	1	4.00
404	AA	2	4.50
408	AA	1	4.00
413	AA	2	14.00
414	AA	1	16.00
415	AA	1	11.00
416	AA	5	5.80
42C	AA	1	4.00
421	AA	60	3.72
422	AA	1	3.00
423	AA	11	12.36
425	AA	4	4.00
426	AA	4	2.75
427	AA	2	3.00
428	AA	1	42.00
429	AA	4	3.50
430	AA	2	3.50
433	AA	1	2.00
434	AA	28	3.32
435	AA	14	3.50
436	AA	1	2.00
440	AA	1	9.00
444	AA	1	2.00
445	AA	1	2.00
447	AA	3	1.00
449	AA	8	3.50
450	AA	32	1.66
451	AA	1	1.00
452	AA	4	11.00
453	AA	2	2.50
455	AA	5	1.40

DRG	CLSVC	FREQ	ALOS
460	AA	1	7.00
461	AA	1	40.00
464	AA	3	1.33
467	AA	4	2.00
468	AA	9	12.44
473	AA	2	1.00
16	AB	1	3.00
87	AB	1	7.00
88	AB	3	5.33
115	AB	1	1.00
121	AB	2	7.50
122	AB	5	11.00
123	AB	1	2.00
127	AB	6	6.83
132	AB	6	4.17
133	AB	2	4.00
134	AB	3	6.00
135	AB	1	1.00
138	AB	6	7.00
139	AB	5	3.80
140	AB	10	5.00
143	AB	10	4.00
144	AB	2	8.00
145	AB	2	4.00
175	AB	1	6.00
183	AB	2	6.00
294	AB	3	4.33
426	AB	1	1.00
70	AD	1	12.00
98	AD	1	5.00
184	AD	1	6.00
175	AF	1	1.00
182	AF	1	2.00
183	AF	1	2.00
200	AF	2	2.00
426	AF	1	42.00
427	AF	1	13.00
467	AF	1	1.00
13	AJ	2	4.00
24	AJ	1	2.00
35	AJ	1	1.00
9	BA	1	33.00
14	BA	2	0.50
25	BA	1	2.00
27	BA	17	1.35
28	BA	22	2.41
29	BA	49	2.08
30	BA	11	1.36
31	BA	1	2.00
32	BA	2	2.00
33	BA	1	1.00
35	BA	1	0.00

DRG	CLSVC	FREQ	ALOS
53	BA	1	3.00
69	BA	2	2.50
72	BA	2	3.00
73	BA	1	7.00
75	BA	1	11.00
83	BA	1	24.00
84	BA	1	4.00
89	BA	1	8.00
90	BA	1	5.00
94	BA	3	14.00
95	BA	5	5.60
96	BA	1	2.00
101	BA	1	18.00
119	BA	6	6.67
130	BA	4	2.25
134	BA	3	3.33
146	BA	1	24.00
147	BA	3	6.00
148	BA	16	21.00
149	BA	4	12.25
150	BA	1	31.00
153	BA	1	5.00
154	BA	1	15.00
155	BA	3	11.33
157	BA	5	5.80
158	BA	36	4.72
159	BA	1	10.00
160	BA	19	4.37
161	BA	17	7.71
162	BA	61	5.89
163	BA	23	2.43
164	BA	4	13.75
165	BA	9	7.89
166	BA	2	6.00
167	BA	40	4.58
169	BA	1	14.00
171	BA	3	4.00
173	BA	2	6.50
174	BA	1	3.00
175	BA	1	3.00
178	BA	2	2.00
179	BA	1	9.00
180	BA	6	6.00
181	BA	3	2.67
182	BA	1	9.00
183	BA	56	2.70
184	BA	8	1.13
188	BA	6	5.33
189	BA	16	3.63
190	BA	8	1.88
191	BA	2	32.50
193	BA	1	9.00

DRG	CLSVC	FREQ	ALOS
195	BA	1	9.00
197	BA	12	13.92
198	BA	20	7.25
200	BA	1	6.00
205	BA	1	2.00
208	BA	3	5.33
209	BA	1	20.00
235	BA	1	3.00
236	BA	1	9.00
243	BA	4	3.50
250	BA	1	1.00
254	BA	2	4.50
256	BA	4	5.00
257	BA	3	8.33
258	BA	5	7.40
260	BA	1	2.00
261	BA	8	7.75
262	BA	9	3.22
263	BA	1	21.00
265	BA	1	6.00
266	BA	5	8.40
267	BA	11	6.36
268	BA	1	1.00
269	BA	2	5.00
270	BA	21	4.81
271	BA	1	23.00
276	BA	7	4.00
277	BA	2	3.00
278	BA	11	6.73
279	BA	1	2.00
280	BA	4	3.00
281	BA	18	2.94
282	BA	3	1.00
283	BA	1	10.00
284	BA	3	2.33
290	BA	10	5.90
291	BA	1	5.00
303	BA	1	40.00
321	BA	1	6.00
324	BA	2	8.50
325	BA	1	9.00
339	BA	1	3.00
340	BA	2	2.00
350	BA	2	3.00
359	BA	1	5.00
360	BA	1	24.00
364	BA	1	4.00
366	BA	1	15.00
368	BA	3	3.00
369	BA	5	4.60
394	BA	3	5.67
398	BA	2	2.50

DRG	CL SVC	FREQ	ALOS
399	BA	1	7.00
400	BA	1	24.00
409	BA	1	2.00
418	BA	6	6.17
419	BA	1	9.00
420	BA	1	4.00
421	BA	6	2.50
434	BA	1	2.00
440	BA	1	7.00
442	BA	1	4.00
443	BA	1	3.00
444	BA	1	8.00
445	BA	5	3.20
446	BA	1	4.00
450	BA	1	3.00
453	BA	2	2.50
455	BA	1	1.00
456	BA	1	6.00
458	BA	3	18.00
459	BA	2	5.50
460	BA	13	5.85
467	BA	2	1.50
468	BA	16	6.69
8	BE	1	6.00
39	BE	1	2.00
63	BE	1	6.00
168	BE	4	5.75
169	BE	19	6.26
185	BE	16	9.88
186	BE	5	3.00
187	BE	78	1.87
231	BE	1	1.00
234	BE	3	4.67
249	BE	1	2.00
256	BE	1	1.00
266	BE	1	3.00
269	BE	1	5.00
270	BE	3	2.67
273	BE	1	5.00
277	BE	1	3.00
280	BE	1	11.00
297	BE	1	2.00
338	BE	1	20.00
415	BE	3	5.67
418	BE	5	3.60
442	BE	1	9.00
443	BE	1	4.00
445	BE	1	2.00
453	BE	2	1.00
468	BE	7	14.57
30	BF	6	1.67
156	BF	1	6.00

DRG	CLSVC	FREQ	ALOS
163	BF	6	2.67
165	BF	1	5.00
167	BF	1	11.00
171	BF	1	3.00
184	BF	3	1.67
190	BF	1	1.00
264	BF	1	5.00
282	BF	1	1.00
393	BF	1	8.00
399	BF	1	3.00
451	BF	1	0.00
460	BF	1	8.00
467	BF	1	1.00
70	BI	1	1.00
82	BI	1	35.00
182	BI	1	7.00
183	BI	1	3.00
188	BI	1	2.00
303	BI	4	16.25
304	BI	7	17.71
305	BI	7	11.86
306	BI	4	8.25
307	BI	2	5.50
308	BI	6	5.17
309	BI	4	4.25
310	BI	4	6.50
311	BI	5	7.00
312	BI	1	6.00
313	BI	6	6.67
314	BI	4	1.50
315	BI	1	9.00
318	BI	1	1.00
320	BI	2	4.50
321	BI	2	5.00
322	BI	5	3.80
323	BI	4	3.50
324	BI	21	3.95
325	BI	5	3.60
326	BI	1	1.00
327	BI	2	2.00
328	BI	1	1.00
330	BI	2	2.00
331	BI	4	4.00
332	BI	2	5.50
333	BI	1	1.00
334	BI	5	15.80
335	BI	2	11.50
336	BI	21	8.62
337	BI	14	7.43
338	BI	5	6.00
339	BI	45	4.09
340	BI	18	1.61

DRG	CL SVC	FREQ	ALOS
341	BI	14	5.21
342	BI	10	2.50
343	BI	11	1.00
345	BI	1	5.00
347	BI	1	1.00
349	BI	2	4.00
350	BI	10	5.40
352	BI	5	6.00
356	BI	8	8.88
360	BI	1	9.00
365	BI	1	7.00
368	BI	1	9.00
369	BI	2	1.50
418	BI	1	1.00
420	BI	1	9.00
424	BI	2	7.00
468	BI	1	5.00
142	CA	1	1.00
167	CA	2	8.00
171	CA	1	4.00
180	CA	1	8.00
182	CA	2	3.50
183	CA	6	1.67
206	CA	1	2.00
270	CA	1	2.00
281	CA	1	4.00
321	CA	2	3.50
355	CA	3	6.67
356	CA	2	5.50
358	CA	19	7.21
359	CA	59	6.32
360	CA	10	3.40
361	CA	53	2.94
362	CA	7	2.00
363	CA	2	1.50
364	CA	24	2.08
365	CA	4	6.25
366	CA	1	3.00
368	CA	31	5.39
369	CA	50	2.24
371	CA	1	14.00
373	CA	2	1.50
376	CA	7	3.57
377	CA	5	1.60
378	CA	14	4.71
379	CA	5	3.20
380	CA	10	2.80
381	CA	56	2.73
383	CA	15	3.40
384	CA	6	6.83
394	CA	1	12.00
418	CA	1	6.00

DRG	CLSVC	FREQ	ALOS
421	CA	1	3.00
425	CA	1	2.00
453	CA	2	2.00
461	CA	1	5.00
467	CA	2	3.50
468	CA	15	4.60
69	CB	1	4.00
131	CB	1	2.00
167	CB	1	5.00
189	CB	1	1.00
243	CB	1	2.00
251	CB	1	1.00
361	CB	2	4.00
368	CB	1	4.00
369	CB	7	2.86
370	CB	132	7.55
371	CB	208	5.35
372	CB	62	4.11
373	CB	693	3.26
374	CB	23	4.48
375	CB	1	5.00
376	CB	2	3.00
378	CB	6	4.50
379	CB	100	2.88
380	CB	12	2.33
381	CB	61	3.08
382	CB	33	1.82
383	CB	222	2.66
384	CB	122	1.67
421	CB	1	2.00
445	CB	2	1.00
467	CB	74	1.38
468	CB	4	4.25
7	DA	1	1.00
12	DA	2	2.00
20	DA	5	8.80
21	DA	5	5.00
26	DA	15	1.87
30	DA	13	1.62
35	DA	2	0.50
41	DA	1	1.00
44	DA	5	2.40
48	DA	2	3.50
55	DA	2	3.00
58	DA	1	4.00
67	DA	1	0.00
70	DA	136	2.42
71	DA	12	2.50
74	DA	4	2.00
81	DA	1	4.00
87	DA	1	5.00
91	DA	46	2.61

DRG	CLSVC	FREQ	ALOS
93	DA	2	2.00
98	DA	61	3.15
99	DA	6	4.00
100	DA	8	3.63
101	DA	9	3.44
102	DA	25	2.20
127	DA	1	1.00
129	DA	1	1.00
137	DA	5	3.40
139	DA	1	2.00
142	DA	2	1.00
156	DA	1	5.00
157	DA	1	7.00
175	DA	1	4.00
181	DA	1	2.00
184	DA	98	2.19
186	DA	8	3.13
190	DA	4	2.50
234	DA	1	5.00
235	DA	1	8.00
240	DA	1	7.00
243	DA	1	1.00
247	DA	1	8.00
248	DA	3	3.67
255	DA	2	2.50
273	DA	1	1.00
276	DA	1	4.00
279	DA	10	4.00
282	DA	8	1.63
283	DA	2	2.00
284	DA	7	2.14
295	DA	3	3.33
298	DA	14	5.86
300	DA	1	1.00
301	DA	1	1.00
322	DA	24	4.79
333	DA	1	1.00
340	DA	1	4.00
368	DA	1	1.00
369	DA	1	1.00
385	DA	3	4.33
386	DA	2	7.50
387	DA	4	10.50
388	DA	1	1.00
389	DA	14	3.07
390	DA	6	3.00
391	DA	9	2.44
396	DA	7	3.00
397	DA	1	3.00
398	DA	3	0.33
405	DA	1	4.00
415	DA	1	2.00

DRG	CLSVC	FREQ	ALOS
417	DA	16	2.63
422	DA	54	2.39
423	DA	2	6.50
425	DA	1	1.00
427	DA	2	3.00
429	DA	2	8.00
446	DA	6	2.00
451	DA	32	1.16
452	DA	1	1.00
453	DA	1	1.00
455	DA	6	1.67
460	DA	3	1.67
467	DA	26	2.88
468	DA	3	6.33
385	DB	28	0.82
386	DB	10	2.60
387	DB	9	3.56
388	DB	27	3.96
389	DB	238	4.29
390	DB	168	3.77
391	DB	890	3.25
10	EA	1	1.00
13	EA	1	5.00
14	EA	5	17.80
15	EA	3	4.33
21	EA	1	3.00
25	EA	3	2.33
39	EA	1	7.00
46	EA	1	1.00
65	EA	2	1.50
69	EA	3	3.33
73	EA	2	3.00
76	EA	1	20.00
80	EA	1	16.00
82	EA	1	3.00
88	EA	14	7.79
89	EA	4	12.25
90	EA	2	4.50
91	EA	1	1.00
96	EA	5	7.60
97	EA	3	3.33
98	EA	1	1.00
100	EA	1	1.00
101	EA	3	10.67
102	EA	1	7.00
121	EA	2	5.00
122	EA	6	9.50
123	EA	1	3.00
127	EA	9	4.89
129	EA	2	4.50
130	EA	1	3.00
131	EA	7	6.29

DRG	CLSVC	FREQ	ALOS
132	EA	8	2.88
133	EA	1	2.00
134	EA	13	5.08
138	EA	4	3.50
139	EA	3	3.33
140	EA	5	3.00
143	EA	8	2.25
157	EA	1	3.00
172	EA	1	8.00
174	EA	7	4.29
175	EA	3	1.00
182	EA	4	2.50
183	EA	2	5.00
200	EA	1	2.00
202	EA	2	1.50
205	EA	1	1.00
206	EA	1	2.00
207	EA	1	4.00
208	EA	1	3.00
233	EA	1	46.00
240	EA	1	13.00
241	EA	1	1.00
243	EA	4	5.50
244	EA	1	7.00
247	EA	2	3.50
248	EA	1	4.00
272	EA	2	3.50
273	EA	1	3.00
277	EA	1	4.00
278	EA	4	3.00
283	EA	2	2.50
294	EA	10	6.90
295	EA	1	1.00
296	EA	5	8.40
297	EA	4	5.50
301	EA	2	9.00
318	EA	1	11.00
320	EA	4	4.25
321	EA	4	3.25
324	EA	1	2.00
326	EA	3	5.00
332	EA	1	2.00
347	EA	1	5.00
352	EA	1	5.00
370	EA	1	5.00
373	EA	1	12.00
381	EA	1	2.00
383	EA	1	1.00
395	EA	2	3.50
399	EA	1	1.00
403	EA	1	12.00
404	EA	1	0.00

DRG	CLSVC	FREQ	ALOS
413	EA	2	11.50
416	EA	1	3.00
421	EA	14	4.00
422	EA	1	2.00
425	EA	2	2.00
426	EA	3	4.00
427	EA	1	1.00
429	EA	3	5.00
434	EA	6	3.50
435	EA	2	3.50
436	EA	4	3.75
449	EA	1	4.00
450	EA	3	1.67
451	EA	2	2.50
463	EA	1	5.00
467	EA	2	2.00
468	EA	2	8.00
58	EB	1	1.00
69	EB	1	5.00
133	EB	1	3.00
280	EB	1	2.00
305	EB	1	8.00
314	EB	1	5.00
337	EB	1	7.00
348	EB	1	22.00
350	EB	1	3.00
352	EB	1	1.00
360	EB	1	4.00
381	EB	1	2.00
468	EB	1	18.00
183	EC	1	2.00
189	EC	1	2.00
241	EC	1	2.00
370	EC	22	5.41
371	EC	33	5.36
372	EC	9	3.22
373	EC	166	3.15
374	EC	11	3.45
376	EC	1	1.00
379	EC	15	5.33
381	EC	6	2.33
382	EC	8	1.25
383	EC	34	2.82
384	EC	16	1.56
467	EC	15	1.07
468	EC	1	3.00
359	ED	1	7.00
360	ED	1	2.00
364	ED	1	6.00
368	ED	3	4.00
369	ED	5	3.00
371	ED	1	5.00

DRG	CLSVC	FREQ	ALOS
374	ED	1	3.00
378	ED	1	15.00
380	ED	2	1.50
381	ED	4	3.00
384	ED	1	2.00
17	EF	1	3.00
21	EF	2	3.50
26	EF	2	1.00
30	EF	1	1.00
44	EF	2	2.00
62	EF	3	1.00
70	EF	13	2.54
71	EF	7	2.14
74	EF	2	8.50
91	EF	5	3.40
98	EF	13	2.77
100	EF	1	5.00
102	EF	4	3.25
175	EF	1	1.00
184	EF	20	2.00
186	EF	1	1.00
252	EF	1	3.00
255	EF	1	1.00
279	EF	2	2.50
282	EF	1	1.00
284	EF	2	1.50
298	EF	3	4.00
322	EF	4	2.75
381	EF	1	9.00
389	EF	2	4.00
390	EF	1	2.00
391	EF	1	2.00
396	EF	2	4.50
397	EF	1	3.00
398	EF	1	5.00
422	EF	14	2.79
434	EF	1	1.00
451	EF	7	1.29
464	EF	1	1.00
467	EF	2	3.00
243	EG	3	3.67
468	EG	1	14.00
426	EH	2	10.50
6	FA	14	2.50
8	FA	3	5.33
9	FA	1	18.00
18	FA	1	2.00
19	FA	2	7.50
25	FA	2	56.00
27	FA	1	1.00
28	FA	2	11.00
29	FA	3	5.00

DRG	CLSVC	FREQ	ALOS
112	FA	1	2.00
167	FA	1	3.00
204	FA	1	6.00
209	FA	2	21.00
210	FA	3	19.33
211	FA	5	24.60
216	FA	2	1.50
217	FA	5	11.20
218	FA	3	12.00
219	FA	18	15.78
220	FA	1	10.00
221	FA	1	1.00
222	FA	72	2.76
223	FA	11	4.00
224	FA	29	3.45
225	FA	7	7.43
226	FA	1	3.00
227	FA	29	4.55
228	FA	1	3.00
229	FA	72	2.63
230	FA	4	3.00
231	FA	65	2.83
232	FA	80	3.36
233	FA	3	13.67
234	FA	48	5.92
235	FA	6	42.00
236	FA	3	3.33
237	FA	1	6.00
238	FA	1	11.00
241	FA	1	1.00
243	FA	59	11.34
245	FA	8	3.63
247	FA	6	1.83
248	FA	9	1.67
249	FA	2	3.00
251	FA	11	2.82
252	FA	3	1.33
253	FA	2	21.50
254	FA	31	2.42
255	FA	5	1.80
256	FA	12	3.50
266	FA	2	5.50
269	FA	1	10.00
270	FA	13	4.15
278	FA	2	3.50
280	FA	3	2.67
281	FA	6	3.67
284	FA	2	1.50
294	FA	1	7.00
295	FA	1	1.00
304	FA	1	12.00
371	FA	1	21.00

DRG	CLSVC	FREQ	ALOS
418	FA	2	7.00
428	FA	1	6.00
439	FA	1	27.00
440	FA	1	21.00
441	FA	5	5.80
443	FA	5	5.40
444	FA	1	3.00
445	FA	8	6.63
453	FA	1	2.00
454	FA	1	1.00
460	FA	1	4.00
461	FA	5	3.40
466	FA	1	2.00
468	FA	9	4.33
8	FB	7	3.57
19	FB	3	4.00
130	FB	1	2.00
216	FB	2	2.50
219	FB	6	6.83
220	FB	1	2.00
224	FB	1	9.00
225	FB	29	3.45
227	FB	9	3.11
231	FB	4	2.75
234	FB	11	3.82
245	FB	1	1.00
247	FB	2	5.00
251	FB	1	1.00
254	FB	3	4.33
256	FB	1	1.00
268	FB	1	2.00
270	FB	5	2.40
337	FB	1	7.00
468	FB	3	2.33
24	GA	1	11.00
189	GA	1	7.00
206	GA	1	10.00
243	GA	1	1.00
256	GA	2	17.00
280	GA	3	1.00
281	GA	3	1.33
425	GA	1	20.00
426	GA	51	6.67
427	GA	29	6.69
428	GA	28	9.46
430	GA	36	69.08
431	GA	1	4.00
432	GA	1	28.00
433	GA	2	1.50
434	GA	40	7.30
435	GA	5	5.40
436	GA	2	2.50

DRG	CLSVC	FREQ	ALOS
444	GA	1	8.00
449	GA	3	2.67
450	GA	17	7.59
467	GA	2	2.50
36	HA	1	1.00
38	HA	1	2.00
39	HA	99	2.22
40	HA	10	3.00
41	HA	19	1.58
42	HA	2	5.00
43	HA	3	2.67
44	HA	3	2.00
45	HA	1	4.00
46	HA	1	2.00
47	HA	9	1.22
48	HA	3	1.00
169	HA	1	4.00
256	HA	1	1.00
278	HA	1	3.00
468	HA	2	2.00
49	HB	2	3.50
50	HB	2	8.50
51	HB	1	7.00
53	HB	5	2.40
55	HB	12	2.58
56	HB	20	2.90
57	HB	6	2.67
58	HB	7	2.43
59	HB	14	3.21
60	HB	25	2.80
62	HB	44	1.27
64	HB	2	2.50
69	HB	7	2.86
70	HB	3	2.00
71	HB	1	4.00
73	HB	9	7.00
74	HB	4	2.00
75	HB	1	30.00
102	HB	1	3.00
156	HB	1	1.00
169	HB	2	5.50
185	HB	1	11.00
189	HB	5	1.00
234	HB	2	2.50
245	HB	1	5.00
270	HB	2	6.00
278	HB	1	3.00
283	HB	1	2.00
284	HB	2	1.50
291	HB	1	2.00
298	HB	1	2.00
394	HB	2	3.50

DRG	CLSVC	FREQ	ALOS
399	HB	1	4.00
421	HB	2	4.50
443	HB	1	3.00
445	HB	2	2.00
452	HB	2	1.50
468	HB	1	10.00

APPENDIX B

DIAGNOSIS RELATED GROUPS AND HEALTH CARE FINANCING ADMINISTRATION RELATIVE WEIGHTS

HCFA

1986

DRG MDC TYPE	TITLE	RELATIVE WEIGHT
001	DISEASES AND DISORDERS OF THE NERVOUS SYSTEM	
001 001 S	CRANIOTOMY AGE >17 EXCEPT FOR TRAUMA	3.5610
002 001 S	CRANIOTOMY FOR TRAUMA AGE >17	3.8111
003 001 S	CRANIOTOMY AGE <18	2.9183
004 001 S	SPINAL PROCEDURES	2.7296
005 001 S	EXTRACRANIAL VASCULAR PROCEDURES	1.6508
006 001 S	CARPAL TUNNEL RELEASE	0.4073
007 001 S	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE >69 &/OR C. C.	1.3866
008 001 S	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE <70 W/O C. C.	0.7464
009 001 M	SPINAL DISORDERS & INJURIES	1.4235
010 001 M	NERVOUS SYSTEM NEOPLASMS AGE >69 AND/OR C. C.	1.1322
011 001 M	NERVOUS SYSTEM NEOPLASMS AGE <70 W/O C. C.	0.9338
012 001 M	DEGENERATIVE NERVOUS SYSTEM DISORDERS	1.0001
013 001 M	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	0.9790
014 001 M	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1.3143
015 001 M	TRANSIENT ISCHEMIC ATTACKS AND PRECEREBRAL OCCLUSIONS	0.6241
016 001 M	NONSPECIFIC CEREBROVASCULAR DISORDERS WITH C. C.	0.9042
017 001 M	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O C. C.	0.6802
018 001 M	CRANIAL & PERIPHERAL NERVE DISORDERS AGE >69 AND/OR C. C.	0.7566
019 001 M	CRANIAL & PERIPHERAL NERVE DISORDERS AGE <70 W/O C. C.	0.6549
020 001 M	NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	1.4087
021 001 M	VIRAL MENINGITIS	1.3143
022 001 M	HYPERTENSIVE ENCEPHALOPATHY	0.7086
023 001 M	NONTRAUMATIC STUPOR & COMA	1.1239
024 001 M	SEIZURE & HEADACHE AGE >69 AND/OR C. C.	0.7642
025 001 M	SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520
026 001 M	SEIZURE & HEADACHE AGE 0-17	0.6255
027 001 M	TRAUMATIC STUPOR & COMA, COMA >1 HR	1.5645
028 001 M	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >69 AND/OR C. C.	0.9422
029 001 M	TRAUMATIC STUPOR & COMA <1 HR AGE 18-69 W/O C. C.	0.6462
030 001 M	TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	0.3539
031 001 M	CONCUSSION AGE >69 AND/OR C. C.	0.5381
032 001 M	CONCUSSION AGE 18-69 W/O C. C.	0.4064
033 001 M	CONCUSSION AGE 0-17	0.2457
034 001 M	OTHER DISORDERS OF NERVOUS SYSTEM AGE >69 AND/OR C. C.	0.9761
035 001 M	OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383
002	DISEASES AND DISORDERS OF THE EYE	
036 002 S	RETINAL PROCEDURES	0.7101

DRG	MDC	TYPE	TITLE	REL WGT
037	002	S	ORBITAL PROCEDURES	0.6687
038	002	S	PRIMARY IRIS PROCEDURES	0.3963
039	002	S	LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719
040	002	S	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE >17	0.4133
041	002	S	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17	0.3657
042	002	S	INTRACULAR PROCEDURES EXCEPT RETINA, IRIS + LENS	0.6542
043	002	M	HYPHEMA	0.3461
044	002	M	ACUTE MAJOR EYE INFECTIONS	0.6395
045	002	M	NEUROLOGICAL EYE DISORDERS	0.5407
046	002	M	OTHER DISORDERS OF THE EYE AGE >17 WITH C.C	0.6009
047	002	M	OTHER DISORDERS OF THE EYE AGE >17 W/O C.C	0.4187
048	002	M	OTHER DISORDERS OF THE EYE AGE 0-17	0.4018
003 DISEASES AND DISORDERS OF THE EAR, NOSE, AND THROAT				
049	003	S	MAJOR HEAD & NECK PROCEDURES	2.8742
050	003	S	SIALOADENECTOMY	0.7033
051	003	S	SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	0.5878
052	003	S	CLEFT LIP & PALATE REPAIR	0.6955
053	003	S	SINUS & MASTOID PROCEDURES AGE >17	0.6175
054	003	S	SINUS & MASTOID PROCEDURES AGE 0-17	0.6889
055	003	S	MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	0.4342
056	003	S	RHINOPLASTY	0.4357
057	003	S	T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE>17	0.7717
058	003	S	T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY,AG 0-17	0.3097
059	003	S	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY AGE >17	0.4130
060	003	S	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY AGE 0-17	0.2616
061	003	S	MYRINGOTOMY WITH TUBE INSERTION AGE >17	0.4273
062	003	S	MYRINGOTOMY WITH TUBE INSERTION AGE 0-17	0.3089
063	003	S	OTHER EAR, NOSE & THROAT O.R. PROCEDURES	1.1618
064	003	M	EAR, NOSE & THROAT MALIGNANCY	0.9769
065	003	M	DISSEQUILIBRIUM	0.4500
066	003	M	EPISTAXIS	0.4144
067	003	M	EPIGLOTTITIS	0.9363
068	003	M	OTITIS MEDIA & URI AGE >69 AND/OR C. C.	0.6088
069	003	M	OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040
070	003	M	OTITIS MEDIA & URI AGE 0-17	0.5251
071	003	M	LARYNGOTRACHEITIS	0.6582
072	003	M	NASAL TRAUMA & DEFORMITY	0.5216
073	003	M	OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045
074	003	M	OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	0.3427
004 DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM				
075	004	S	MAJOR CHEST PROCEDURES	2.9776
076	004	S	OTHER RESPIRATORY SYSTEM O.R. PROCEDURES WITH C. C.	2.5663
077	004	S	OTHER RESPIRATORY SYSTEM O.R. PROCEDURES W/O C. C.	1.6734
078	004	M	PULMONARY EMBOLISM	1.4798
079	004	M	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >69 AND/OR C. C.	1.9344
080	004	M	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 18-69 W/O C. C.	1.4387
081	004	M	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17	0.2652

DRG	MDC	TYPE	TITLE	REL WGT
082	004	M	RESPIRATORY NEOPLASMS	1.1258
083	004	M	MAJOR CHEST TRAUMA AGE >69 AND/OR C.C.	0.8397
084	004	M	MAJOR CHEST TRAUMA AGE <70 W/O C. C.	0.5920
085	004	M	PLEURAL EFFUSION AGE >69 AND/OR C. C.	1.1196
086	004	M	PLEURAL EFFUSION AGE <70 W/O C. C.	0.9761
087	004	M	PULMONARY EDEMA & RESPIRATORY FAILURE	1.8076
088	004	M	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1.0768
089	004	M	SIMPLE PNEUMONIA & PLEURISY AGE >69 AND/OR C. C.	1.1657
090	004	M	SIMPLE PNEUMONIA & PLEURISY AGE 18-69 W/O C. C.	0.8842
091	004	M	SIMPLE PNEUMONIA & PLEURISY AGE 0-17	0.7914
092	004	M	INTERSTITIAL LUNG DISEASE AGE >69 AND/OR C. C.	1.1115
093	004	M	INTERSTITIAL LUNG DISEASE AGE <70 W/O C. C.	0.8641
094	004	M	PNEUMOTHORAX AGE >69 AND/OR C. C.	1.3044
095	004	M	PNEUMOTHORAX AGE <70 W/O C. C.	0.8796
096	004	M	BRONCHITIS & ASTHMA AGE >69 AND/OR C. C.	0.8446
097	004	M	BRONCHITIS & ASTHMA AGE 18-69 W/O C. C.	0.7091
098	004	M	BRONCHITIS & ASTHMA AGE 0-17	0.7201
099	004	M	RESPIRATORY SIGNS & SYMPTOMS AGE >69 AND/OR C. C.	0.8072
100	004	M	RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253
101	004	M	OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460
102	004	M	OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841
005			DISEASES AND DISORDERS OF THE CIRCULATORY SYSTEM	
103	005	S	HEART TRANSPLANT	0.0000
104	005	S	CARDIAC VALVE PROCEDURE WITH PUMP & WITH CARDIAC CATH	7.3151
105	005	S	CARDIAC VALVE PROCEDURE WITH PUMP & W/O CARDIAC CATH	6.3388
106	005	S	CORONARY BYPASS WITH CARDIAC CATH	5.3324
107	005	S	CORONARY BYPASS W/O CARDIAC CATH	4.6608
108	005	S	OTHER CARDIOVASCULAR OR THORACIC PROC, WITH PUMP	4.7803
109	005	S	CARDIOTHORACIC PROCEDURES W/O PUMP	4.3579
110	005	S	MAJOR RECONSTRUCTIVE VASCULAR PROCEDURES AGE >69 AND/OR C. C.	3.3118
111	005	S	MAJOR RECONSTRUCTIVE VASCULAR PROCEDURES AGE <70 W/O C. C.	2.4549
112	005	S	VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION W/O PUMP	2.2055
113	005	S	AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPPER LIMB & TOE	2.5345
114	005	S	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS	1.8918
115	005	S	PERM CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK	4.1727
116	005	S	PERM CARDIAC PACEMAKER IMPLANT W/O AMI, HEART FAILURE OR SHOCK	2.9868
117	005	S	CARDIAC PACEMAKER REPLACE & REVIS EXC GEN REPL	1.2989
118	005	S	CARDIAC PACEMAKER PULSE GENERATOR REPLACEMENT	1.9224
119	005	S	VEIN LIGATION & STRIPPING	0.9164
120	005	S	OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	2.2577
121	005	M	CIRCULATORY DISORDERS WITH AMI & C.V. COMP. DISCH. ALIVE	1.7687
122	005	M	CIRCULATORY DISORDERS WITH AMI W/O C.V. COMP. DISCH. ALIVE	1.3267
123	005	M	CIRCULATORY DISORDERS WITH AMI, EXPIRED	1.3522
124	005	M	CIRCULATORY DISORDERS EXC AMI, WITH CARD CATH & COMPLEX DIAG	1.2551
125	005	M	CIRCULATORY DISORDERS EXC AMI, WITH CARD CATH W/O COMPLEX DIAG	0.7265
126	005	M	ACUTE & SUBACUTE ENDOCARDITIS	2.9836
127	005	M	HEART FAILURE & SHOCK	1.0098
128	005	M	DEEP VEIN THROMBOPHLEBITIS	0.8456
129	005	M	CARDIAC ARREST, UNEXPLAINED	1.7199

DRG MDC TYPE	TITLE	REL WGT
130 005 M	PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251
131 005 M	PERIPHERAL VASCULAR DISORDERS AGE <70 W/O C. C.	0.6705
132 005 M	ATHEROSCLEROSIS AGE >69 AND/OR C. C.	0.8037
133 005 M	ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049
134 005 M	HYPERTENSION	0.6363
135 005 M	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >69 AND/OR C. C.	0.8937
136 005 M	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 18-69 W/O C. C.	0.7525
137 005 M	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 0-17	0.6315
138 005 M	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 AND/OR C. C.	0.8136
139 005 M	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514
140 005 M	ANGINA PECTORIS	0.6894
141 005 M	SYNCOPE & COLLAPSE AGE >69 AND/OR C. C.	0.6187
142 005 M	SYNCOPE & COLLAPSE AGE <70 W/O C. C.	0.5335
143 005 M	CHEST PAIN	0.5893
144 005 M	OTHER CIRCULATORY DIAGNOSES WITH C. C.	1.1160
145 005 M	OTHER CIRCULATORY DIAGNOSES W/O C. C.	0.8475
006	DISEASES AND DISORDERS OF THE DIGESTIVE SYSTEM	
146 006 S	RECTAL RESECTION AGE >69 AND/OR C. C.	3.0751
147 006 S	RECTAL RESECTION AGE <70 W/O C. C.	2.2735
148 006 S	MAJOR SMALL & LARGE BOWEL PROCEDURES AGE >69 AND/OR C. C.	2.9401
149 006 S	MAJOR SMALL & LARGE BOWEL PROCEDURES AGE <70 W/O C. C.	2.1069
150 006 S	PERITONEAL ADHESIOLYSIS AGE >69 AND/OR C. C.	2.3426
151 006 S	PERITONEAL ADHESIOLYSIS AGE <70 W/O C. C.	1.5900
152 006 S	MINOR SMALL & LARGE BOWEL PROCEDURES AGE >69 AND/OR C. C.	1.4059
153 006 S	MINOR SMALL & LARGE BOWEL PROCEDURES AGE <70 W/O C. C.	1.0992
154 006 S	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >69 AND/OR C. C.	2.6876
155 006 S	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 18-69 W/O C. C.	1.7902
156 006 S	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	0.8382
157 006 S	ANAL AND STOMAL PROCEDURES AGE >69 AND/OR C. C.	0.7302
158 006 S	ANAL AND STOMAL PROCEDURES AGE <70 W/O C. C.	0.5511
159 006 S	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >69 AND/OR C.C.	0.9997
160 006 S	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE 18-69 W/O C. C.	0.7457
161 006 S	INGUINAL & FEMORAL HERNIA PROCEDURES AGE >69 AND/OR C. C.	0.6536
162 006 S	INGUINAL & FEMORAL HERNIA PROCEDURES AGE 18-69 W/O C. C.	0.5261
163 006 S	HERNIA PROCEDURES AGE 0-17	0.9647
164 006 S	APPENDECTOMY WITH COMPLICATED PRINC. DIAG AGE >69 AND/OR C. C.	2.0646
165 006 S	APPENDECTOMY WITH COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	1.4375
166 006 S	APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE >69 AND/OR C. C.	1.3604
167 006 S	APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872
168 006 S	MOUTH PROCEDURES AGE >69 AND/OR C.C.	0.9182
169 006 S	MOUTH PROCEDURES AGE <70 W/O C.C.	0.6580
170 006 S	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE >69 AND/OR C. C.	2.7611
171 006 S	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O C. C.	2.3295
172 006 M	DIGESTIVE MALIGNANCY AGE >69 AND/OR C. C.	1.0748
173 006 M	DIGESTIVE MALIGNANCY AGE <70 W/O C. C.	0.9602
174 006 M	G.I. HEMORRHAGE AGE >69 AND/OR C. C.	0.9073
175 006 M	G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
176 006 M	COMPLICATED PEPTIC ULCER	0.9316
177 006 M	UNCOMPLICATED PEPTIC ULCER >69 AND/OR C. C.	0.6615

DRG MDC TYPE	TITLE	REL WGT
178 006 M	UNCOMPLICATED PEPTIC ULCER <70 W/O C. C.	0.5554
179 006 M	INFLAMMATORY BOWEL DISEASE	0.9875
180 006 M	G.I. OBSTRUCTION AGE >69 AND/OR C. C.	0.7583
181 006 M	G.I. OBSTRUCTION AGE <70 W/O C. C.	0.5827
182 006 M	ESOPHAGITIS, GASTROENT. & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032
183 006 M	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
184 006 M	ESOPHAGITIS, GASTROENTERITIS & MISC. DIGEST. DISORDERS AGE 0-17	0.4828
185 006 M	DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE >17	0.7147
186 006 M	DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE 0-17	0.4112
187 006 M	DENTAL EXTRACTIONS & RESTORATIONS	0.4209
188 006 M	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.7171
189 006 M	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260
190 006 M	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	0.9178
007	DISEASES AND DISORDERS OF THE HEPATOBILIARY SYSTEM AND PANCREAS	
191 007 S	MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	4.4603
192 007 S	MINOR PANCREAS, LIVER & SHUNT PROCEDURES	4.0437
193 007 S	BILIARY TRACT PROC EXC TOT CHOLECYSTECTOMY AGE >69 &/OR C. C.	2.8115
194 007 S	BILIARY TRACT PROC EXC TOT CHOLECYSTECTOMY AGE <70 W/O C. C.	2.1204
195 007 S	TOTAL CHOLECYSTECTOMY WITH C.D.E. AGE >69 AND/OR C. C.	2.2724
196 007 S	TOTAL CHOLECYSTECTOMY WITH C.D.E. AGE <70 W/O C. C.	1.5974
197 007 S	TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE >69 AND/OR C. C.	1.7055
198 007 S	TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE <70 W/O C. C.	1.1399
199 007 S	HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY	2.3379
200 007 S	HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	2.6281
201 007 S	OTHER HEPATOBILIARY OR PANCREAS O.R. PROCEDURES	2.7125
202 007 M	CIRRHOSIS & ALCOHOLIC HEPATITIS	1.1665
203 007 M	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	1.0338
204 007 M	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	0.9698
205 007 M	DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE >69 AND/OR CC	1.0718
206 007 M	DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE <70 W/O C. C.	0.7735
207 007 M	DISORDERS OF THE BILIARY TRACT AGE >69 AND/OR C. C.	0.7775
208 007 M	DISORDERS OF THE BILIARY TRACT AGE <70 W/O C. C.	0.5793
008	DISEASES AND DISORDERS OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	
209 008 S	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES	2.3925
210 008 S	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >69 AND/OR C. C.	2.0317
211 008 S	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 18-69 W/O C. C.	1.7866
212 008 S	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 0-17	1.6608
213 008 S	AMPUTATIONS FOR MUSCULOSKELETAL SYSTEM & CONN. TISSUE DISORDERS	1.9750
214 008 S	BACK & NECK PROCEDURES AGE >69 AND/OR C. C.	1.8749
215 008 S	BACK & NECK PROCEDURES AGE <70 W/O C. C.	1.4275
216 008 S	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	1.5565
217 008 S	WND DEBRID & SKN GFT EXC HAND, FOR MUSCULOSKELETAL & CONN. TIS	2.3097
218 008 S	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE >69 &/OR CC	1.3797
219 008 S	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 18-69 W/O CC	1.0436
220 008 S	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 0-17	0.9242
221 008 S	KNEE PROCEDURES AGE >69 AND/OR C. C.	1.0141
222 008 S	KNEE PROCEDURES AGE <70 W/O C. C.	0.7262

DRG	MDC	TYPE	TITLE	REL WGT
223	008	S	MAJOR SHOULDER/ELBOW PROC,OR OTHER UPPER EXTREMITY PROC WITH CC	1.2263
224	008	S	SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT PROC, W/O CC	0.6894
225	008	S	FOOT PROCEDURES	0.6552
226	008	S	SOFT TISSUE PROCEDURES AGE >69 AND/OR C. C.	0.8783
227	008	S	SOFT TISSUE PROCEDURES AGE <70 W/O C. C.	0.6573
228	008	S	MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST PROC WITH CC	0.8180
229	008	S	HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC, W/O CC	0.4995
230	008	S	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF HIP & FEMUR	1.0156
231	008	S	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381
232	008	S	ARTHROSCOPY	0.6723
233	008	S	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE >69 &/OR CC	1.3892
234	008	S	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517
235	008	M	FRACTURES OF FEMUR	1.4136
236	008	M	FRACTURES OF HIP & PELVIS	1.0712
237	008	M	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH	0.6049
238	008	M	OSTEOMYELITIS	1.6471
239	008	M	PATHOLOGICAL FRACTURES & MUSCULOSKELETAL & CONN. TISS. MALIGNCY	0.9268
240	008	M	CONNECTIVE TISSUE DISORDERS AGE >69 AND/OR C. C.	0.9047
241	008	M	CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463
242	008	M	SEPTIC ARTHRITIS	1.4562
243	008	M	MEDICAL BACK PROBLEMS	0.6840
244	008	M	BONE DISEASES & SEPTIC ARTHRO-ATHY AGE >69 AND/OR C. C.	0.6742
245	008	M	BONE DISEASES & SEPTIC ARTHROPATHY AGE <70 W/O C. C.	0.6400
246	008	M	NON-SPECIFIC ARTHROPATHIES	0.5935
247	008	M	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793
248	008	M	TENDONITIS, MYOSITIS & BURSTITIS	0.5892
249	008	M	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.7875
250	008	M	FX, SPNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE >69 &/OR CC	0.5158
251	008	M	FX, SPNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	0.4003
252	008	M	FX, SPNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 0-17	0.3496
253	008	M	FX, SPNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE>69 +/-OR CC	0.6321
254	008	M	FX, SPNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 WOCC	0.4929
255	008	M	FX, SPNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	0.4638
256	008	M	OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
009			DISEASES AND DISORDERS OF THE SKIN, SUBCUTANEOUS TISSUE AND BREAST	
257	009	S	TOTAL MASTECTOMY FOR MALIGNANCY AGE >69 AND/OR C. C.	1.0630
258	009	S	TOTAL MASTECTOMY FOR MALIGNANCY AGE <70 W/O C. C.	0.9696
259	009	S	SUBTOTAL MASTECTOMY FOR MALIGNANCY AGE >69 AND/OR C. C.	0.8605
260	009	S	SUBTOTAL MASTECTOMY FOR MALIGNANCY AGE <70	0.6659
261	009	S	BREAST PROC FOR NON-MALIG EXCEPT BIOPSY & LOC EXC	0.6104
262	009	S	BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY	0.4252
263	009	S	SKIN-GRAFTS &/OR DEBRID ULCER OR CELLULITIS AGE >69 AND/OR C.C.	2.4173
264	009	S	SKIN-GRAFTS &/OR DEBRID ULCER OR CELLULITIS AGE <70 W/O C.C.	2.1798
265	009	S	SKIN-GRAFT AND/OR DEBRID EXC SKIN ULCER OR CELLULITIS WITH C.C.	1.3967
266	009	S	SKIN-GRAFT AND/OR DEBRID EXC SKIN ULCER OR CELLULITIS W/O C.C.	0.7313
267	009	S	PERIANAL & PILONICAL PROCEDURES	0.6360
268	009	S	SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES	0.5657
269	009	S	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR C. C.	1.1334
270	009	S	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622

DRG MDC TYPE	TITLE	REL WGT
271 009 M	SKIN ULCERS	1.2612
272 009 M	MAJOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.8524
273 009 M	MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971
274 009 M	MALIGNANT BREAST DISORDERS AGE >69 AND/OR C. C.	1.0367
275 009 M	MALIGNANT BREAST DISORDERS AGE <70 W/O C. C.	0.9880
276 009 M	NON-MALIGNANT BREAST DISORDERS	0.5677
277 009 M	CELLULITIS AGE >69 AND/OR C. C.	0.8861
278 009 M	CELLULITIS AGE 18-69 W/O C. C.	0.7582
279 009 M	CELLULITIS AGE 0-17	0.4739
280 009 M	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414
281 009 M	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467
282 009 M	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424
283 009 M	MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365
284 009 M	MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170
010	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND DISORDERS	
285 010 S	AMPUTATIONS OF LOWER LIMB FOR ENDOCRINE, NUTRITIONAL&METABOL DI	3.2719
286 010 S	ADRENAL & PITUITARY PROCEDURES	2.6727
287 010 S	SKIN GRAFTS & WOUND DEBRIDE FOR ENDOC, NUTRIT & METAB DISORDERS	2.3776
288 010 S	O.R. PROCEDURES FOR OBESITY	2.1128
289 010 S	PARATHYROID PROCEDURES	1.3304
290 010 S	THYROID PROCEDURES	0.8561
291 010 S	THYROIDECTOMY PROCEDURES	0.6072
292 010 S	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC AGE >69 &/ OR C. C.	2.3129
293 010 S	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC AGE <70 W/O C. C.	1.7960
294 010 M	DIABETES AGE =>36	0.7454
295 010 M	DIABETES AGE 0-35	0.7886
296 010 M	NUTRITIONAL & MISC. METABOLIC DISORDERS AGE >69 &/OR C. C.	0.8271
297 010 M	NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 18-69 W/O C. C.	0.6984
298 010 M	NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 0-17	0.7203
299 010 M	INBORN ERRORS OF METABOLISM	0.8041
300 010 M	ENDOCRINE DISORDERS AGE >69 AND/OR C. C.	0.9348
301 010 M	ENDOCRINE DISORDERS AGE <70 W/O C. C.	0.6882
011	DISEASES AND DISORDERS OF THE KIDNEY AND URINARY TRACT	
302 011 S	KIDNEY TRANSPLANT	4.6267
303 011 S	KIDNEY, URETER & MAJOR BLADDER PROCEDURE FOR NEOPLASM	2.7606
304 011 S	KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG AGE >69 &/OR C. C.	2.0322
305 011 S	KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG <70 W/O C. C.	1.4893
306 011 S	PROSTATECTOMY AGE >69 AND/OR C. C.	1.2593
307 011 S	PROSTATECTOMY AGE <70 W/O C. C.	0.9585
308 011 S	MINOR BLADDER PROCEDURES AGE >69 AND/OR C. C.	1.1487
309 011 S	MINOR BLADDER PROCEDURES AGE <70 W/O C. C.	0.8644
310 011 S	TRANSURETHRAL PROCEDURES AGE >69 AND/OR C. C.	0.7265
311 011 S	TRANSURETHRAL PROCEDURES AGE <70 W/O C. C.	0.5564
312 011 S	URETHRAL PROCEDURES, AGE >69 AND/OR C. C.	0.7307
313 011 S	URETHRAL PROCEDURES, AGE 18-69 W/O C. C.	0.5804
314 011 S	URETHRAL PROCEDURES, AGE 0-17	0.4323
315 011 S	OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	2.7736

DRG MDC TYPE	TITLE	REL WGT
316 011 M	RENAL FAILURE	1.3210
317 011 M	ADMIT FOR RENAL DIALYSIS	0.4907
318 011 M	KIDNEY & URINARY TRACT NEOPLASMS AGE >69 AND/OR C. C.	0.9216
319 011 M	KIDNEY & URINARY TRACT NEOPLASMS AGE <70 W/O C. C.	0.7415
320 011 M	KIDNEY & URINARY TRACT INFECTIONS AGE >69 AND/OR C. C.	0.8626
321 011 M	KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750
322 011 M	KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996
323 011 M	URINARY STONES AGE >69 AND/OR C. C.	0.5862
324 011 M	URINARY STONES AGE <70 W/O C. C.	0.4096
325 011 M	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >69 AND/OR C. C.	0.6503
326 011 M	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O C. C.	0.5156
327 011 M	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 0-17	0.5511
328 011 M	URETHRAL STRICTURE AGE >69 ND/OR C. C.	0.5939
329 011 M	URETHRAL STRICTURE AGE 18-69 W/O C. C.	0.4870
330 011 M	URETHRAL STRICTURE AGE 0-17	0.2788
331 011 M	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >69 AND/OR C. C.	0.8329
332 011 M	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O C. C.	0.6725
333 011 M	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17	0.7912
012	DISEASES AND DISORDERS OF THE MALE REPRODUCTIVE SYSTEM	
334 012 S	MAJOR MALE PELVIC PROCEDURES WITH C. C.	1.8035
335 012 S	MAJOR MALE PELVIC PROCEDURES W/O C. C.	1.4643
336 012 S	TRANSURETHRAL PROSTATECTOMY AGE >69 AND/OR C. C.	0.9869
337 012 S	TRANSURETHRAL PROSTATECTOMY AGE <70 W/O C. C.	0.7788
338 012 S	TESTES PROCEDURES, FOR MALIGNANCY	0.8907
339 012 S	TESTES PROCEDURES, NON-MALIGNANT AGE >17	0.5766
340 012 S	TESTES PROCEDURES, NON-MALIGNANT AGE 0-17	0.4335
341 012 S	PENIS PROCEDURES	0.9970
342 012 S	CIRCUMCISION AGE >17	0.4265
343 012 S	CIRCUMCISION AGE 0-17	0.3788
344 012 S	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROCEDURES FOR MALIGNANCY	1.1214
345 012 S	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT FOR MALIG	0.8173
346 012 M	MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE >69 AND/OR C. C.	0.8568
347 012 M	MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE <70 W/O C. C.	0.6441
348 012 M	BENIGN PROSTATIC HYPERTROPHY AGE >69 AND/OR C. C.	0.6257
349 012 M	BENIGN PROSTATIC HYPERTROPHY AGE <70 W/O C. C.	0.4853
350 012 M	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270
351 012 M	STERILIZATION, MALE	0.3333
352 012 M	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354
013	DISEASES AND DISORDERS OF THE FEMALE REPRODUCTIVE SYSTEM	
353 013 S	PELVIC EVISCERATION, RADICAL HYSTERECTOMY & VULVECTOMY	2.3887
354 013 S	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIGN AGE>69 OR CC	1.3563
355 013 S	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIGN AGE<70 WO CC	1.0359
356 013 S	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.8470
357 013 S	UTERUS & ADNEXA PROCEDURES, FOR OVARIAN OR ADNEXAL MALIGNANCY	2.1103
358 013 S	UTERUS & ADNEXA PROC FOR NON-MALIGNANCY, AGE >69 OR CC	1.1152
359 013 S	UTERUS & ADNEXA PROC FOR NON-MALIGNANCY, AGE <70 W/O CC	0.9462
360 013 S	VAGINA, CERVIC & VULVA PROCEDURES	0.6338

DRG	MDC	TYPE	TITLE	REL WGT
361	013	S	LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	0.6594
362	013	S	ENDOSCOPIC TUBAL INTERRUPTION	0.3510
363	013	S	D & C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	0.6156
364	013	S	D&C, CONIZATION EXCEPT FOR MALIGNANCY	0.3921
365	013	S	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	1.9085
366	013	M	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 AND/OR C. C.	0.8624
367	013	M	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE <70 W/O C. C.	0.5353
368	013	M	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610
369	013	M	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496
014			PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	
370	014	S	CESAREAN SECTION WITH C. C.	1.1063
371	014	S	CESAREAN SECTION W/O C. C.	0.7669
372	014	M	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	0.5942
373	014	M	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538
374	014	S	VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	0.5754
375	014	S	VAGINAL DELIVERY WITH O.R. PROC EXCEPT STERIL AND/OR D+C	0.6817
376	014	M	POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	0.4539
377	014	S	POSTPARTUM AND POSTABORTION DIAGNOSES WITH O.R. PROCEDURE	0.7698
378	014	M	ECTOPIC PREGNANCY	0.7357
379	014	M	THREATENED ABORTION	0.2409
380	014	M	ABORTION W/O D&C	0.3792
381	014	M	ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725
382	014	M	FALSE LABOR	0.1136
383	014	M	OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452
384	014	M	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586
015			NEWBORNS AND OTHER NEONATES WITH CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	
385	015		NEONATES, DIED OR TRANSFERRED	0.6811
386	015		EXTREME IMMATUREITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	3.6480
387	015		PREMATURITY WITH MAJOR PROBLEMS	1.8267
388	015		PREMATURITY W/O MAJOR PROBLEMS	1.1571
389	015		FULL TERM NEONATE WITH MAJOR PROBLEMS	0.5425
390	015		NEONATES WITH OTHER SIGNIFICANT PROBLEMS	0.3486
391	015		NORMAL NEWBORNS	0.2218
016			DISEASES AND DISORDERS OF BLOOD AND BLOOD FORMING ORGANS AND IMMUNOLOGICAL DISORDERS	
392	016	S	SPLENECTOMY AGE >17	3.2488
393	016	S	SPLENECTOMY AGE 0-17	1.5206
394	016	S	OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889
395	016	M	RED BLOOD CELL DISORDERS AGE >17	0.7153
396	016	M	RED BLOOD CELL DISORDERS AGE 0-17	0.2952
397	016	M	COAGULATION DISORDERS	0.9969
398	016	M	RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752
399	016	M	RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O C. C.	0.7247
017			MYELOPROLIFERATIVE DISEASES AND DISORDERS, AND POORLY DIFFERENTIATED NEOPLASMS	

DRG MDC TYPE	TITLE	REL WGT
400 017 S	LYMPHOMA & LEUKEMIA WITH MAJOR O.R. PROCEDURE	3.1139
401 017 S	LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER O.R. PROC WITH CC	1.9327
402 017 S	LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER O.R. PROCEDURE W/O CC	1.0514
403 017 M	LYMPHOMA & NON-ACUTE LEUKEMIA WITH CC	1.3493
404 017 M	LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC	0.9101
405 017 M	ACUTE LEUKEMIA WITHOUT MAJOR O.R. PROCURED AGE 0-17	1.0407
406 017 S	MYELOPROLIF DISORD OR POORLY DIFF NEOPLASM W MAJ O.R. PROC & CC	2.5302
407 017 S	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W/O CC	1.7124
408 017 S	MYELOPROLIF DISORD OR POORLY DIFF NEOPL WITH OTHER O.R. PROC	1.0500
409 017 M	RADIO THERAPY	0.9855
410 017 M	CHEMOTHERAPY	0.4284
411 017 M	HISTORY OF MALIGNANCY W/O ENDOSCOPY	0.5907
412 017 M	HISTORY OF MALIGNANCY WITH ENDOSCOPY	0.3388
413 017 M	OTHER MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE>69 &/OR CC	1.0455
414 017 M	OTHER MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE<70 W/O CC	0.8983
018	INFECTIONS AND PARASITIC DISEASES (SYSTEMIC OR UNSPECIFIED SITES)	
415 018 S	O.R. PROCEDURE FOR INFECTIONS & PARASITIC DISEASES	3.3287
416 018 M	SEPTICEMIA AGE >17	1.6182
417 018 M	SEPTICEMIA AGE 0-17	1.1530
418 018 M	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022
419 018 M	FEVER OF UNKNOWN ORIGIN AGE >69 AND/OR C. C.	0.9305
420 018 M	FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O C. C.	0.8316
421 018 M	VIRAL ILLNESS AGE >17	0.5672
422 018 M	VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583
423 018 M	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES	1.3205
019	MENTAL DISEASES AND DISORDERS	
424 019 S	O.R. PROCEDURES WITH PRINCIPAL DIAGNOSIS OF MENTAL ILLNESS	2.2113
425 019 M	ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090
426 019 M	DEPRESSIVE NEUROSES	0.8332
427 019 M	NEUROSES EXCEPT DEPRESSIVE	0.7018
428 019 M	DISORDERS OF PERSONALITY & IMPULSE CONTROL	0.8513
429 019 M	ORGANIC DISTURBANCES & MENTAL RETARDATION	0.8419
430 019 M	PSYCHOSES	1.0760
431 019 M	CHILDHOOD MENTAL DISORDERS	0.8493
432 019 M	OTHER DIAGNOSES OF MENTAL DISORDERS	0.6968
020	ALCOHOL/DRUG USE AND ALCOHOL/DRUG INDUCED ORGANIC MENTAL DISORDERS	
433 020	ALCOHOL/DRUG USE AND INDUCED ORGANIC MENTAL DISORDERS, LEFT AMA	0.3906
434 020	ALC/DRUG ABUSE,INTOX INDUCD MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096
435 020	ALCOHOL/DRUG DEPENDENCE, DETOX AND/OR OTHER SYMPTOMATIC TREATMT	0.7978
436 020	ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY	1.0166
437 020	ALCOHOL/DRUG DEPENDENCE, COMBINED REHABILITATION AND DETOX THER	1.3273
438 020	NO LONGER VALID	0.0000
021	INJURIES, POISONINGS AND TOXIC EFFECT OF DRUGS	

DRG MDC TYPE	TITLE	REL WGT
439 021 S	SKIN GRAFTS FOR INJURIES	1.6505
440 021 S	WOUND DEBRIGEMENTS FOR INJURIES	2.0421
441 021 S	HAND PROCEDURES FOR INJURIES	0.7303
442 021 S	OTHER O.R. PROCEDURES FOR INJURIES AGE >69 AND/OR C. C.	1.8143
443 021 S	OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O C. C.	1.4841
444 021 M	MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072
445 021 M	MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014
446 021 M	MULTIPLE TRAUMA AGE 0-17	0.4796
447 021 M	ALLERGIC REACTIONS AGE >17	0.4470
448 021 M	ALLERGIC REACTIONS AGE 0-17	0.3470
449 021 M	POISONING AND TOXIC EFFECTS OF DRUGS AGE >69 AND/OR C. C.	0.6951
450 021 M	POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422
451 021 M	POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497
452 021 M	COMPLICATIONS OF TREATMENT AGE >69 AND/OR C. C.	0.8079
453 021 M	COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468
454 021 M	OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE >69 AND/OR CC	0.8099
455 021 M	OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE <70 W/O CC	0.6002
022	BURNS	
456 022	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	1.8155
457 022	EXTENSIVE BURNS W/O OR PROCEDURE	3.2280
458 022 S	NON-EXTENSIVE BURNS WITH SKIN GRAFTS	3.9450
459 022 S	NON-EXTENSIVE BURNS WITH WOUND DEBRIDEMENT OR OTHER O.R. PROC	3.2658
460 022 M	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592
023	FACTORS INFLUENCING HEALTH STATUS AND OTHER CONTACTS WITH HEALTH SERVICES	
461 023 S	O.R. PROC WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES	1.3548
462 023 M	REHABILITATION	2.1404
463 023 M	SIGNS & SYMPTOMS WITH C. C.	0.7949
464 023 M	SIGNS & SYMPTOMS W/O C. C.	0.6952
465 023 M	AFTERCARE WITH HISTORY OF MALIGNANCY AS SECONDARY DX	0.2881
466 023 M	AFTERCARE W/O HISTORY OF MALIGNANCY AS SECONDARY DX	0.4152
467 023 M	OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
468 023 M	UNRELATED OR PROCEDURE	2.4516
469 0	PRIM DX INVALID AS DISCHARGE DIAGNOSIS	0.0000
470 0	UNGROUPABLE	0.0000
471 008	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREM	3.8991
472 022	EXTENSIVE BURNS WITH O.R. PROCEDURE	12.3234
473 017	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE AGE > 17	2.3275

APPENDIX C

MACRO PROGRAM
FOR DATA CONSOLIDATION

```
/a      /rncDRG~P10~  
        /rncCASE_TYPE~E3~  
        {BRANCH COMPARE}  
  
COMPARE {IF CASE_TYPE="END"} {BRANCH STOP}  
        {IF DRG=CASE_TYPE} {BRANCH COPY}  
        {IF DRG<CASE_TYPE} {BRANCH MOVE1}  
        {BRANCH MOVE2}  
  
MOVE1   {GOTO} DRG~  
        /rncDRG~  
        {DOWN}  
        /rncDRG~~  
        {BRANCH COMPARE}  
  
MOVE2   {GOTO} CASE_TYPE~  
        /rncCASE_TYPE~  
        {DOWN}  
        /rncCASE_TYPE~~  
        {BRANCH COMPARE}  
  
COPY    {GOTO} DRG~  
        {RIGHT 3}  
        /C.{RIGHT 4}~  
        CASE_TYPE~  
  
STOP    /rncDRG~  
        /rncCASE_TYPE~  
        {QUIT}
```

APPENDIX D
Consolidated Fort Ord FY86 DRGs and 1986 Health Care Financing Administration
verbal descriptions and relative weight values.

DRG	CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
6	AA	14		3.5 ALCOHOL/DRUG DEPENDENCE, DETOX AND/OR OTHER SYMPTOMATIC TREATMT	0.7978
7	AA	2		4.0 BONE DISEASES & SEPTIC ARTHROPATHY AGE <70 W/O C. C.	0.6400
8	AA	2		2.5 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468
8	AA	2		1.0 ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE AGE > 17	2.3275
8	AA	3		7.3 BONE DISEASES & SEPTIC ARTHROPATHY AGE >69 AND/OR C. C.	0.6742
9	AA	1		11.0 POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	2.4539
9	AA	11		12.7 MEDICAL BACK PROBLEMS	0.6840
10	AA	1		32.0 CESAREAN SECTION W/O C. C.	0.7669
10	AA	9		4.0 CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463
11	AA	1		6.0 NERVOUS SYSTEM NEOPLASMS AGE >69 AND/OR C. C.	1.1322
12	AA	3		7.3 CONNECTIVE TISSUE DISORDERS AGE >69 AND/OR C. C.	0.9047
12	AA	1		14.0 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.8470
13	AA	1		1.0 PATHOLOGICAL FRACTURES & MUSCULOSKELETAL & CONN. TISS. MALIGNCY	0.9268
13	AA	9		3.8 ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049
13	AA	1		4.0 FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O C. C.	0.8316
14	AA	3		2.0 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	0.9790
14	AA	4		11.0 COMPLICATIONS OF TREATMENT AGE >69 AND/OR C. C.	0.8079
14	AA	6		4.0 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270
15	AA	60		3.7 VIRAL ILLNESS AGE >17	0.5672
15	AA	12		2.8 TRANSIENT ISCHEMIC ATTACKS AND PRECEREBRAL OCCLUSIONS	0.6241
16	AA	1		2.0 DISEQUILIBRIUM	0.4500
16	AA	1		7.0 NONSPECIFIC CEREBROVASCULAR DISORDERS WITH C. C.	0.9042
17	AA	2		2.5 ARTHROSCOPY	0.6723
17	AA	1		26.0 TRANSURETHRAL PROSTATECTOMY AGE >69 AND/OR C. C.	0.9869
18	AA	2		4.5 OTITIS MEDIA & URI AGE >69 AND/OR C. C.	0.6088
18	AA	1		1.0 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O C. C.	0.6725
19	AA	1		3.0 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583
19	AA	3		6.0 CRANIAL & PERIPHERAL NERVE DISORDERS AGE <70 W/O C. C.	0.6549
19	AA	17		3.1 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040
20	AA	4		3.3 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O C. C.	0.5156
20	AA	2		2.0 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381
21	AA	1		14.0 NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	1.4087
21	AA	11		12.4 OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES	1.3205
21	AA	2		9.0 VIRAL MENINGITIS	1.3143
21	AA	4		4.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090
23	AA	19		4.4 KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750
24	AA	25		4.3 HYPERTENSION	0.6363
24	AA	25		5.0 ATHEROSCLEROSIS AGE >69 AND/OR C. C.	0.8037
24	AA	1		1.0 POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497
25	AA	9		5.0 KIDNEY & URINARY TRACT INFECTIONS AGE >69 AND/OR C. C.	0.8626
25	AA	1		2.0 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014
25	AA	38		2.6 SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520
25	AA	4		2.8 DEPRESSIVE NEUROSES	0.8332
26	AA	2		5.5 URETHRAL PROCEDURES, AGE 18-69 W/O C. C.	0.5804
26	AA	9		5.3 PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251
26	AA	4		3.3 ENDOCRINE DISORDERS AGE <70 W/O C. C.	0.6882
27	AA	20		3.2 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514
27	AA	1		6.0 INBORN ERRORS OF METABOLISM	0.8041
27	AA	2		3.0 NEUROSES EXCEPT DEPRESSIVE	0.7018

DRG CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
28 AA	2		2.0 TRAUMATIC STUPOR & COMA, COMA>1 HR	1.5645
28 AA	1		4.0 LARYNGOTRACHEITIS	0.6582
28 AA	10		7.6 DIABETES AGE 0-35	0.7886
29 AA	1		42.0 DISORDERS OF PERSONALITY & IMPULSE CONTROL	0.8513
29 AA	5		2.4 TRAUMATIC STUPOR & COMA <1 HR AGE 18-69 W/O C. C.	0.6462
29 AA	4		3.5 ORGANIC DISTURBANCES & MENTAL RETARDATION	0.8419
30 AA	35		4.9 DIABETES AGE >36	0.7454
30 AA	1		25.0 LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 18-69 W/O CC	1.0436
30 AA	1		9.0 OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC AGE >69 &/ OR C. C.	2.3129
30 AA	2		3.5 PSYCHOSES	1.0760
30 AA	4		3.0 MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170
31 AA	1		2.0 ALCOHOL/DRUG USE AND INDUCED ORGANIC MENTAL DISORDERS, LEFT AMA	0.3906
32 AA	1		1.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467
32 AA	1		1.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045
33 AA	1		2.0 CONCUSSION AGE 18-69 W/O C. C.	0.4064
34 AA	32		1.7 POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422
35 AA	2		3.5 OTHER DISORDERS OF NERVOUS SYSTEM AGE >69 AND/OR C. C.	0.9761
35 AA	28		3.3 ALC/DRUG ABUSE, INTOX INDUCD MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096
35 AA	5		5.2 PERIPHERAL VASCULAR DISORDERS AGE <70 W/O C. C.	0.6705
35 AA	2		7.5 DISORDERS OF THE BILIARY TRACT AGE <70 W/O C. C.	0.5793
36 AA	3		7.0 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383
38 AA	11		4.4 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE <70 W/O C. C.	0.7735
39 AA	4		4.8 CELLULITIS AGE >69 AND/OR C. C.	0.8861
39 AA	8		3.5 POISONING AND TOXIC EFFECTS OF DRUGS AGE >69 AND/OR C. C.	0.6951
39 AA	1		5.0 MALIGNANT BREAST DISORDERS AGE <70 W/O C. C.	0.9880
39 AA	10		7.4 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE >69 AND/OR CC	1.0718
40 AA	4		2.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
41 AA	1		4.0 OTHER RESPIRATORY SYSTEM O.R. PROCEDURES WITH C. C.	2.5663
41 AA	3		6.0 MALIGNANT BREAST DISORDERS AGE >69 AND/OR C. C.	1.0367
42 AA	3		4.3 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	0.9698
43 AA	3		1.3 SIGNS & SYMPTOMS W/O C. C.	0.6952
44 AA	1		24.0 OTHER RESPIRATORY SYSTEM O.R. PROCEDURES W/O C. C.	1.6734
44 AA	1		40.0 O.R. PROC WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES	1.3548
44 AA	4		11.5 PULMONARY EMBOLISM	1.4798
44 AA	1		6.0 ACUTE MAJOR EYE INFECTIONS	0.6395
45 AA	6		8.0 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >69 AND/OR C. C.	1.9344
45 AA	2		3.0 NEUROLOGICAL EYE DISORDERS	0.5407
46 AA	1		9.0 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 18-69 W/O C. C.	1.4387
46 AA	1		7.0 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592
46 AA	1		8.0 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	1.0338
47 AA	1		4.0 LYMPHOMA & NON-ACUTE LEUKEMIA WITH CC	1.3493
47 AA	3		14.0 CIRRHOSIS & ALCOHOLIC HEPATITIS	1.1665
48 AA	2		6.5 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
48 AA	19		7.7 RESPIRATORY NEOPLASMS	1.1258
49 AA	1		30.0 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 W/OCC	0.4929
50 AA	23		3.9 ANGINA PECTORIS	0.6894
51 AA	1		4.0 MYELOPROLIF DISORD OR POORLY DIFF NEOPL WITH OTHER O.R. PROC	1.0500
53 AA	1		2.0 ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY	1.0166
53 AA	5		1.4 OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE <70 W/O CC	0.6002
55 AA	6		4.5 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260
55 AA	5		2.8 TENDONITIS, MYOSITIS & BURSITIS	0.5892
56 AA	2		1.5 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.7171
57 AA	8		2.8 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793
57 AA	4		12.0 PLEURAL EFFUSION AGE >69 AND/OR C. C.	1.1196
58 AA	5		5.8 SEPTICEMIA AGE >17	1.6182
58 AA	5		4.6 PLEURAL EFFUSION AGE <70 W/O C. C.	0.9761

DRG CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
58 AA	2		4.5 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452
59 AA	2		13.0 PULMONARY EDEMA & RESPIRATORY FAILURE	1.8076
60 AA	2		6.0 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 AND/OR C. C.	0.8624
62 AA	1		9.0 WOUND DEBRIGEMENTS FOR INJURIES	2.0421
62 AA	11		10.0 DEGENERATIVE NERVOUS SYSTEM DISORDERS	1.0001
63 AA	5		5.6 CARDIAC ARREST, UNEXPLAINED	1.7199
64 AA	12		10.7 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1.3143
65 AA	1		8.0 DEEP VEIN THROMBOPHLEBITIS	0.8456
65 AA	1		6.0 TESTES PROCEDURES, NON-MALIGNANT AGE >17	0.5766
67 AA	1		15.0 DENTAL & ORAL DIS, EXC EXTRACTIIONS & RESTORATIONS, AGE >17	0.7147
68 AA	1		14.0 NONSPECIFIC CEREBROVASCULAR DISORDERS W/O C. C.	0.6802
69 AA	47		7.3 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1.0768
69 AA	4		9.5 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >69 AND/OR C. C.	0.8329
69 AA	1		2.0 ESOPHAGITIS, GASTROENTERITIS & MISC. DIGEST. DISORDERS AGE 0-17	0.4828
69 AA	1		3.0 URINARY STONES AGE <70 W/O C. C.	0.4096
69 AA	15		8.1 SIMPLE PNEUMONIA & PLEURISY AGE >69 AND/OR C. C.	1.1657
69 AA	1		2.0 NONTRAUMATIC STUPOR & COMA	1.1239
70 AA	37		7.1 HEART FAILURE & SHOCK	1.0098
70 AA	9		12.4 UNRELATED OR PROCEDURE	2.4516
70 AA	6		6.8 SYNCOPE & COLLAPSE AGE >69 AND/OR C. C.	0.6187
70 AA	1		1.0 SEIZURE & HEADACHE AGE 0-17	0.6255
70 AA	5		1.8 SYNCOPE & COLLAPSE AGE <70 W/O C. C.	0.5335
71 AA	7		4.6 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 18-69 W/O C. C.	0.6984
71 AA	16		4.1 SIMPLE PNEUMONIA & PLEURISY AGE 18-69 W/O C. C.	0.8842
71 AA	6		1.8 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >69 AND/OR C. C.	0.9422
71 AA	3		1.0 ALLERGIC REACTIONS AGE >17	0.4470
72 AA	2		3.5 TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	0.3539
73 AA	47		3.4 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
73 AA	2		7.0 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365
73 AA	2		10.5 ACUTE & SUBACUTE ENDOCARDITIS	2.9836
73 AA	1		5.0 OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889
74 AA	1		7.0 INTERSTITIAL LUNG DISEASE AGE >69 AND/OR C. C.	1.1115
74 AA	15		4.1 CELLULITIS AGE 18-69 W/O C. C.	0.7582
74 AA	2		9.0 INTERSTITIAL LUNG DISEASE AGE <70 W/O C. C.	0.8641
75 AA	1		7.0 NON-MALIGNANT BREAST DISORDERS	0.5677
75 AA	19		5.8 ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032
76 AA	34		4.6 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 AND/OR C. C.	0.8136
76 AA	1		1.0 G.I. OBSTRUCTION AGE <70 W/O C. C.	0.5827
77 AA	1		3.0 MAJOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.8524
78 AA	1		17.0 G.I. OBSTRUCTION AGE >69 AND/OR C. C.	0.7583
79 AA	6		3.8 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752
80 AA	5		7.0 INFLAMMATORY BOWEL DISEASE	0.9875
80 AA	1		1.0 OTHER DISORDERS OF THE EYE AGE >17 WITH C.C	0.6009
81 AA	6		8.3 BRONCHITIS & ASTHMA AGE >69 AND/OR C. C.	0.8446
82 AA	2		4.5 LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC	0.9101
82 AA	2		2.5 UNCOMPLICATED PEPTIC ULCER <70 W/O C. C.	0.5554
82 AA	2		14.0 OTHR MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE>69 &/OR CC	1.0455
83 AA	42		3.9 BRONCHITIS & ASTHMA AGE 18-69 W/O C. C.	0.7091
84 AA	1		11.0 O.R. PROCEDURE FOR INFECTIONS & PARASITIC DISEASES	3.3287
85 AA	2		3.5 UNCOMPLICATED PEPTIC ULCER >69 AND/OR C. C.	0.6615
86 AA	1		7.0 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	2.2577
87 AA	1		5.0 CIRCULATORY DISORDERS EXC AMI, WITH CARD CATH & COMPLEX DIAG	1.2551
87 AA	2		3.5 NERVOUS SYSTEM NEOPLASMS AGE <70 W/O C. C.	0.9338
87 AA	19		3.3 CHEST PAIN	0.5893
88 AA	1		25.0 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE >69 AND/OR C. C.	0.8568
88 AA	2		6.5 CIRCULATORY DISORDERS WITH AMI, EXPIRED	1.3522

DRG	CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
88	AA	1		6.0 CRANIAL & PERIPHERAL NERVE DISORDERS AGE >69 AND/OR C. C.	0.7566
89	AA	13		5.1 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
89	AA	1		10.0 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996
89	AA	14		5.1 G.I. HEMORRHAGE AGE >69 AND/OR C. C.	0.9073
90	AA	6		6.0 RENAL FAILURE	1.3210
90	AA	2		8.0 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253
90	AA	5		4.8 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE >69 &/OR C. C.	0.8271
91	AA	2		28.5 MOUTH PROCEDURES AGE <70 W/O C.C.	0.6580
91	AA	2		7.5 SKIN GRAFTS & WOUND DEBRIDE FOR ENDOC, NUTRIT & METAB DISORDERS	2.3776
91	AA	1		5.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872
92	AA	12		4.9 RED BLOOD CELL DISORDERS AGE >17	0.7153
93	AA	4		6.5 INGUINAL & FEMORAL HERNIA PROCEDURES AGE 18-69 W/O C. C.	0.5261
93	AA	1		2.0 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719
94	AA	1		5.0 INGUINAL & FEMORAL HERNIA PROCEDURES AGE >69 AND/OR C. C.	0.6536
95	AA	1		5.0 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR C. C.	1.1334
96	AA	1		14.0 ANAL AND STOMAL PROCEDURES AGE <70 W/O C. C.	0.5511
96	AA	4		7.0 OTHER DISORDERS OF THE EYE AGE >17 W/O C.C	0.4187
96	AA	4		4.8 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460
97	AA	1		16.0 OTHR MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE<70 W/O CC	0.8983
97	AA	1		2.0 MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072
98	AA	1		16.0 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	0.5942
98	AA	6		3.0 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841
98	AA	5		6.0 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >69 AND/OR C. C.	0.8937
98	AA	1		17.0 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 18-69 W/O C. C.	1.7902
99	AA	4		4.8 SEIZURE & HEADACHE AGE >69 AND/OR C. C.	0.7642
100	AA	2		15.0 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >69 AND/OR C. C.	2.6876
100	AA	2		3.5 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 18-69 W/O C. C.	0.7525
100	AA	1		22.0 RECTAL RESECTION AGE >69 AND/OR C. C.	3.0751
100	AA	3		3.0 COAGULATION DISORDERS	0.9969
101	AA	28		7.9 CIRCULATORY DISORDERS WITH AMI W/O C.V. COMP. DISCH. ALIVE	1.3267
101	AA	1		10.0 LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER O.R. PROCEDURE W/O CC	1.0514
101	AA	1		4.0 CARDIOTHORACIC PROCEDURES W/O PUMP	4.3579
101	AA	1		7.0 T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE>17	0.7717
102	AA	2		5.5 OTHER CIRCULATORY DIAGNOSES W/O C. C.	0.8475
102	AA	1		1.0 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE>69 AND/OR C. C.	0.6503
102	AA	4		11.5 OTHER CIRCULATORY DIAGNOSES WITH C. C.	1.1160
102	AA	2		2.5 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414
102	AA	2		2.5 PERM CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK	4.1727
109	AA	1		5.0 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE>69 +/OR CC	0.6321
112	AA	1		2.0 PERM CARDIAC PACEMAKER IMPLANT W/O AMI, HEART FAILURE OR SHOCK	2.9868
115	AA	3		6.7 ENDOCRINE DISORDERS AGE >69 AND/OR C. C.	0.9348
115	AA	1		9.0 OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354
116	AA	2		16.5 MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971
119	AA	7		12.0 CIRCULATORY DISORDERS WITH AMI & C.V. COMP. DISCH. ALIVE	1.7687
120	AB	1		1.0 DEPRESSIVE NEUROSES	0.8332
121	AB	1		7.0 PULMONARY EDEMA & RESPIRATORY FAILURE	1.8076
121	AB	6		6.8 HEART FAILURE & SHOCK	1.0098
121	AB	6		7.0 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 AND/OR C. C.	0.8136
122	AB	2		6.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
122	AB	1		1.0 PERM CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK	4.1727
122	AB	10		4.0 CHEST PAIN	0.5893
123	AB	2		4.0 OTHER CIRCULATORY DIAGNOSES W/O C. C.	0.9475
123	AB	1		2.0 CIRCULATORY DISORDERS WITH AMI, EXPIRED	1.3522
123	AB	3		5.3 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1.0768
124	AB	3		6.0 HYPERTENSION	0.6363
126	AB	10		5.0 ANGINA PECTORIS	0.6894

ORG	CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
127	AB	1		1.0 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >69 AND/OR C. C.	0.8937
127	AB	2		7.5 CIRCULATORY DISORDERS WITH AMI & C.V. COMP. DISCH. ALIVE	1.7687
127	AB	5		3.8 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514
127	AB	2		8.0 OTHER CIRCULATORY DIAGNOSES WITH C. C.	1.1160
128	AB	1		6.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
129	AB	6		4.2 ATHEROSCLEROSIS AGE >69 AND/OR C. C.	0.8037
129	AB	2		4.0 ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049
129	AB	3		4.3 DIABETES AGE =>36	0.7454
130	AB	5		11.0 CIRCULATORY DISORDERS WITH AMI W/O C.V. COMP. DISCH. ALIVE	1.3267
130	AB	1		3.0 NONSPECIFIC CEREBROVASCULAR DISORDERS WITH C. C.	0.9042
130	AD	1		6.0 ESOPHAGITIS, GASTROENTERITIS & MISC. DIGEST. DISORDERS AGE 0-17	0.4828
130	AD	1		12.0 OTITIS MEDIA & URI AGE 0-17	0.5251
131	AD	1		5.0 BRONCHITIS & ASTHMA AGE 0-17	0.7201
131	AF	2		2.0 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	2.6281
131	AF	1		2.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
132	AF	1		13.0 NEUROSES EXCEPT DEPRESSIVE	0.7018
132	AF	1		2.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032
132	AF	1		1.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
133	AF	1		42.0 DEPRESSIVE NEUROSES	0.8332
133	AF	1		1.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
133	AJ	1		1.0 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383
133	AJ	2		4.0 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	0.9790
134	AJ	1		2.0 SEIZURE & HEADACHE AGE >69 AND/OR C. C.	0.7642
134	BA	1		2.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE >69 AND/OR CC	1.0718
134	BA	1		4.0 FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O C. C.	0.8316
134	BA	1		9.0 TOTAL CHOLECYSTECTOMY WITH C.D.E. AGE >69 AND/OR C. C.	2.2724
135	BA	1		0.0 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383
135	BA	1		7.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045
136	BA	11		6.7 CELLULITIS AGE 18-69 W/O C. C.	0.7582
137	BA	5		4.6 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496
138	BA	3		4.0 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O C. C.	2.3295
138	BA	1		15.0 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 AND/OR C. C.	0.8624
138	BA	2		1.5 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
139	BA	1		24.0 VAGINA, CERVIC & VULVA PROCEDURES	0.6338
139	BA	2		6.5 DIGESTIVE MALIGNANCY AGE <70 W/O C. C.	0.9602
139	BA	1		5.0 UTERUS & ADENEXA PROC FOR NON-MALIGNANCY, AGE <70 W/O CC	0.9462
139	BA	1		3.0 G.I. HEMORRHAGE AGE >69 AND/OR C. C.	0.9073
140	BA	2		3.0 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270
140	BA	2		3.0 CELLULITIS AGE >69 AND/OR C. C.	0.8861
140	BA	1		3.0 TESTES PROCEDURES, NON-MALIGNANT AGE >17	0.5766
141	BA	1		9.0 FRACTURES OF HIP & PELVIS	1.0712
142	BA	16		6.7 UNRELATED OR PROCEDURE	2.4516
142	BA	7		4.0 NON-MALIGNANT BREAST DISORDERS	0.5677
142	BA	2		8.5 URINARY STONES AGE <70 W/O C. C.	0.4096
143	BA	1		4.0 MULTIPLE TRAUMA AGE 0-17	0.4796
143	BA	1		2.0 SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520
143	BA	1		11.0 MAJOR CHEST PROCEDURES	2.9776
144	BA	2		2.5 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040
144	BA	1		3.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
145	BA	6		6.7 VEIN LIGATION & STRIPPING	0.9164
145	BA	2		3.0 NASAL TRAUMA & DEFORMITY	0.5216
146	BA	1		2.0 ALC/DRUG ABUSE, INTOX INDUCED MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096
146	BA	2		2.5 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468
147	BA	22		2.4 TRAUMATIC STUPOR & COMA, COMA (<1 HR AGE >69 AND/OR C. C.	0.9422
148	BA	1		23.0 SKIN ULCERS	1.2612
149	BA	16		21.0 MAJOR SMALL & LARGE BOWEL PROCEDURES AGE >69 AND/OR C. C.	2.9401

DRG	CL SVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
179	BA	1		24.0 LYMPHOMA & LEUKEMIA WITH MAJOR O.R. PROCEDURE	3.1139
179	BA	1		5.0 THYROID GLAND PROCEDURES	0.6072
180	BA	1		4.0 OTHER O.R. PROCEDURES FOR INJURIES AGE >69 AND/OR C. C.	1.8143
180	BA	1		10.0 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365
180	BA	1		8.0 SIMPLE PNEUMONIA & PLEURISY AGE >69 AND/OR C. C.	1.1657
181	BA	19		4.4 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE 18-69 W/O C. C.	0.7457
181	BA	4		5.0 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
181	BA	18		2.9 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467
182	BA	1		7.0 WOUND DEBRIDEMENTS FOR INJURIES	2.0421
182	BA	1		2.0 CONCUSSION AGE >69 AND/OR C. C.	0.5381
182	BA	1		1.0 OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE <70 W/O CC	0.6002
182	BA	2		2.0 CONCUSSION AGE 18-69 W/O C. C.	0.4064
182	BA	13		5.8 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592
182	BA	1		1.0 CONCUSSION AGE 0-17	0.2457
183	BA	1		6.0 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	2.6281
183	BA	1		2.0 CELLULITIS AGE 0-17	0.4739
183	BA	20		7.3 TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE <70 W/O C. C.	1.1399
183	BA	3		3.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610
183	BA	12		13.9 TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE >69 AND/OR C. C.	1.7055
183	BA	2		2.0 TESTES PROCEDURES, NON-MALIGNANT AGE 0-17	0.4335
183	BA	6		5.3 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.7171
183	BA	1		40.0 KIDNEY, URETER & MAJOR BLADDER PROCEDURE FOR NEOPLASM	2.7606
184	BA	1		4.0 MAJOR CHEST TRAUMA AGE <70 W/O C. C.	0.5920
184	BA	3		6.0 RECTAL RESECTION AGE <70 W/O C. C.	2.2735
184	BA	2		4.5 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 W/O CC	0.4929
184	BA	49		2.1 TRAUMATIC STUPOR & COMA <1 HR AGE 18-69 W/O C. C.	0.6462
184	BA	2		5.5 NON-EXTENSIVE BURNS WITH WOUND DEBRIDEMENT OR OTHER O.R. PROC	3.2658
184	BA	3		1.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424
185	BA	1		24.0 MAJOR CHEST TRAUMA AGE >69 AND/OR C.C.	0.8397
185	BA	23		2.4 HERNIA PROCEDURES AGE 0-17	0.9647
185	BA	3		18.0 NON-EXTENSIVE BURNS WITH SKIN GRAFTS	3.9450
186	BA	1		8.0 MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072
186	BA	1		2.0 RADIOTHERAPY	0.9855
186	BA	3		3.3 HYPERTENSION	0.6363
187	BA	1		6.0 BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	1.8155
188	BA	1		9.0 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >69 AND/OR C. C.	0.6503
188	BA	16		3.6 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260
188	BA	1		5.0 MINOR SMALL & LARGE BOWEL PROCEDURES AGE <70 W/O C. C.	1.0992
189	BA	1		3.0 SINUS & MASTOID PROCEDURES AGE >17	0.6175
189	BA	1		18.0 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460
189	BA	8		1.9 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	0.9178
189	BA	1		3.0 OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O C. C.	1.4841
189	BA	1		1.0 FX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE >69 &/OR CC	0.5158
189	BA	1		20.0 MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES	2.3925
190	BA	2		32.5 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	4.4603
190	BA	2		6.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE >69 AND/OR C. C.	1.3604
190	BA	3		2.3 MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170
191	BA	4		2.3 PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251
193	BA	1		9.0 BILIARY TRACT PROC EXC TOT CHOLECYSTECTOMY AGE >69 &/OR C. C.	2.8115
195	BE	1		2.0 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719
197	BE	1		6.0 OTHER EAR, NOSE & THROAT O.R. PROCEDURES	1.1618
198	BE	1		3.0 CELLULITIS AGE >69 AND/OR C. C.	0.9861
200	BE	1		1.0 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
200	BE	1		4.0 OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O C. C.	1.4841
200	BE	5		3.0 DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE 0-17	0.4112
202	BE	19		6.3 MOUTH PROCEDURES AGE <70 W/O C.C.	0.6580

DRG CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
202 BE	16		9.9 DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE >17	0.7167
203 BE	3		4.7 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517
204 BE	1		3.0 SKIN-GRAFT AND/OR DEBRID EXC SKIN ULCER OR CELLULITIS W/O C.C.	0.7313
204 BE	4		5.8 MOUTH PROCEDURES AGE >69 AND/OR C.C.	0.9182
205 BE	2		1.0 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468
205 BE	1		11.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414
205 BE	1		5.0 MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971
206 BE	1		1.0 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381
206 BE	78		1.9 DENTAL EXTRACTIONS & RESTORATIONS	0.4209
206 BE	1		2.0 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014
206 BE	3		5.7 O.R. PROCEDURE FOR INFECTIONS & PARASITIC DISEASES	3.3287
207 BE	1		2.0 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 18-69 W/O C. C.	0.6984
208 BE	1		5.0 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR C. C.	1.1334
208 BE	7		14.6 UNRELATED OR PROCEDURE	2.4516
208 BE	1		9.0 OTHER O.R. PROCEDURES FOR INJURIES AGE >69 AND/OR C. C.	1.8143
209 BE	1		20.0 TESTES PROCEDURES, FOR MALIGNANCY	0.8907
209 BE	5		3.6 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022
210 BE	1		2.0 AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.7875
211 BE	3		2.7 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622
216 BE	1		6.0 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE <70 W/O C. C.	0.7464
216 BF	1		3.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O C. C.	0.7247
217 BF	6		2.7 HERNIA PROCEDURES AGE 0-17	0.9647
218 BF	1		8.0 SPLENECTOMY AGE 0-17	1.5206
219 BF	1		3.0 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O C. C.	2.3295
219 BF	1		1.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424
219 BF	1		5.0 SKIN-GRAFTS &/OR DEBRID ULCER OR CELLULITIS AGE <70 W/O C.C.	2.1798
220 BF	6		1.7 TRAUMATIC STUPOR & COMA (1 HR AGE 0-17	0.3539
220 BF	3		1.7 ESOPHAGITIS, GASTROENTERITIS & MISC. DIGEST. DISORDERS AGE 0-17	0.4828
221 BF	1		6.0 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	0.8382
222 BF	1		1.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	0.9178
223 BF	1		1.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
224 BF	1		5.0 APPENDECTOMY WITH COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	1.4375
224 BF	1		11.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872
225 BF	1		0.0 POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497
225 BF	1		8.0 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592
226 BI	2		2.0 URETHRAL STRICTURE AGE 0-17	0.2788
227 BI	21		4.0 URINARY STONES AGE <70 W/O C. C.	0.4096
227 BI	10		2.5 CIRCUMCISION AGE >17	0.4265
228 BI	14		5.2 PENIS PROCEDURES	0.9970
229 BI	2		7.0 O.R. PROCEDURES WITH PRINCIPAL DIAGNOSIS OF MENTAL ILLNESS	2.2113
230 BI	18		1.6 TESTES PROCEDURES, NON-MALIGNANT AGE 0-17	0.4335
231 BI	1		9.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610
231 BI	45		4.1 TESTES PROCEDURES, NON-MALIGNANT AGE >17	0.5766
231 BI	1		1.0 OTITIS MEDIA & URI AGE 0-17	0.5251
231 BI	5		6.0 TESTES PROCEDURES, FOR MALIGNANCY	0.8907
232 BI	4		16.3 KIDNEY, URETER & MAJOR BLADDER PROCEDURE FOR NEOPLASM	2.7606
232 BI	1		1.0 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022
233 BI	7		11.9 KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG <70 W/O C. C.	1.4893
233 BI	14		7.4 TRANSURETHRAL PROSTATECTOMY AGE <70 W/O C. C.	0.7788
234 BI	2		5.5 PROSTATECTOMY AGE <70 W/O C. C.	0.9585
234 BI	21		8.6 TRANSURETHRAL PROSTATECTOMY AGE >69 AND/OR C. C.	0.9869
234 BI	1		2.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.7171
234 BI	2		11.5 MAJOR MALE PELVIC PROCEDURES W/O C. C.	1.4643
234 BI	4		4.3 MINOR BLADDER PROCEDURES AGE <70 W/O C. C.	0.8644
235 BI	5		15.8 MAJOR MALE PELVIC PROCEDURES WITH C. C.	1.8035
235 BI	8		8.9 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.8470

DRG CLSVC FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
235 BI	1	1.0 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17	0.7912
236 BI	5	6.0 OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354
236 BI	2	5.5 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O C. C.	0.6725
237 BI	2	4.0 BENIGN PROSTATIC HYPERTROPHY AGE <70 W/O C. C.	0.4853
238 BI	4	4.0 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >69 AND/OR C. C.	0.8329
239 BI	1	9.0 FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O C. C.	0.8316
240 BI	1	6.0 URETHRAL PROCEDURES, AGE >69 AND/OR C. C.	0.7307
240 BI	1	5.0 OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT FOR MALIG	0.8173
240 BI	1	1.0 URETHRAL STRICTURE AGE >69 AND/OR C. C.	0.5939
241 BI	2	4.5 KIDNEY & URINARY TRACT INFECTIONS AGE >69 AND/OR C. C.	0.8626
241 BI	6	6.7 URETHRAL PROCEDURES, AGE 18-69 W/O C. C.	0.5804
241 BI	1	3.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
241 BI	2	2.0 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 0-17	0.5511
243 BI	7	17.7 KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG AGE >69 &/OR C. C.	2.0322
243 BI	1	1.0 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O C. C.	0.5156
243 BI	1	9.0 VAGINA, CERVIC & VULVA PROCEDURES	0.6338
243 BI	4	1.5 URETHRAL PROCEDURES, AGE 0-17	0.4323
243 BI	1	35.0 RESPIRATORY NEOPLASMS	1.1258
243 BI	5	3.6 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >69 AND/OR C. C.	0.6503
243 BI	10	5.4 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270
243 BI	2	1.5 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496
244 BI	1	1.0 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE <70 W/O C. C.	0.6441
244 BI	1	9.0 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	2.7736
245 BI	1	7.0 ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032
245 BI	1	5.0 UNRELATED OR PROCEDURE	2.4516
245 BI	4	8.3 PROSTATECTOMY AGE >69 AND/OR C. C.	1.2593
245 BI	4	3.5 URINARY STONES AGE >69 AND/OR C. C.	0.5862
247 BI	4	6.5 TRANSURETHRAL PROCEDURES AGE >69 AND/OR C. C.	0.7265
247 BI	5	3.8 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996
247 BI	11	1.0 CIRCUMCISION AGE 0-17	0.3788
247 BI	2	5.0 KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750
247 BI	6	5.2 MINOR BLADDER PROCEDURES AGE >69 AND/OR C. C.	1.1487
248 BI	1	7.0 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	1.9085
248 BI	5	7.0 TRANSURETHRAL PROCEDURES AGE <70 W/O C. C.	0.5564
248 BI	1	1.0 KIDNEY & URINARY TRACT NEOPLASMS AGE >69 AND/OR C. C.	0.9216
248 CA	1	1.0 SYNCOPE & COLLAPSE AGE <70 W/O C. C.	0.5335
249 CA	4	6.3 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	1.9085
249 CA	5	1.6 POSTPARTUM AND POSTABORTION DIAGNOSES WITH O.R. PROCEDURE	0.7698
250 CA	50	2.2 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496
251 CA	14	4.7 ECTOPIC PREGNANCY	0.7357
251 CA	2	2.0 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468
251 CA	5	3.2 THREATENED ABORTION	0.2409
252 CA	1	5.0 O.R. PROC WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES	1.3548
252 CA	10	2.8 ABORTION W/O D&C	0.3792
253 CA	3	6.7 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIGN AGE<70 W/O CC	1.0359
253 CA	6	1.7 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
254 CA	19	7.2 UTERUS & ADNEXA PROC FOR NON-MALIGNANCY, AGE >69 OR CC	1.1152
254 CA	1	3.0 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 AND/OR C. C.	0.8624
254 CA	10	3.4 VAGINA, CERVIC & VULVA PROCEDURES	0.6338
254 CA	56	2.7 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725
255 CA	1	3.0 VIRAL ILLNESS AGE >17	0.5672
255 CA	1	4.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467
255 CA	2	1.5 O & C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	0.6156
256 CA	2	8.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872
256 CA	1	14.0 CESAREAN SECTION W/O C. C.	0.7669
256 CA	15	3.4 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452

DRG CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
256 CA	7		3.6 POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	0.4539
256 CA	1		12.0 OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889
256 CA	1		2.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090
256 CA	15		4.6 UNRELATED OR PROCEDURE	2.4516
257 CA	1		2.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE <70 W/O C. C.	0.7735
258 CA	31		5.4 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610
260 CA	59		6.3 UTERUS & ADENEXA PROC FOR NON-MALIGNANCY, AGE <70 W/O CC	0.9462
261 CA	6		6.8 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586
262 CA	7		2.0 ENDOSCOPIC TUBAL INTERRUPTION	0.3510
263 CA	2		3.5 ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032
264 CA	2		1.5 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538
265 CA	2		3.5 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
266 CA	1		6.0 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022
266 CA	1		4.0 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O C. C.	2.3295
266 CA	53		2.9 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	0.6594
267 CA	1		2.0 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622
268 CA	2		3.5 KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750
268 CA	24		2.1 D&C, CONIZATION EXCEPT FOR MALIGNANCY	0.3921
269 CA	2		5.5 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.8470
269 CA	1		8.0 G.I. OBSTRUCTION AGE >69 AND/OR C. C.	0.7583
269 CB	2		1.0 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014
269 CB	122		1.7 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586
270 CB	61		3.1 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725
270 CB	62		4.1 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	0.5942
270 CB	12		2.3 ABORTION W/O D&C	0.3792
270 CB	33		1.8 FALSE LABOR	0.1136
270 CB	74		1.4 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
270 CB	222		2.7 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452
271 CB	1		2.0 VIRAL ILLNESS AGE >17	0.5672
272 CB	4		4.3 UNRELATED OR PROCEDURE	2.4516
272 CB	100		2.9 THREATENED ABORTION	0.2409
273 CB	208		5.4 CESAREAN SECTION W/O C. C.	0.7669
273 CB	7		2.9 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496
273 CB	1		2.0 MEDICAL BACK PROBLEMS	0.6840
273 CB	6		4.5 ECTOPIC PREGNANCY	0.7357
274 CB	1		4.0 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040
275 CB	2		4.0 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	0.6594
276 CB	1		1.0 FX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	0.4003
276 CB	1		2.0 PERIPHERAL VASCULAR DISORDERS AGE <70 W/O C. C.	0.6705
276 CB	23		4.5 VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	0.5754
277 CB	1		5.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872
277 CB	1		5.0 VAGINAL DELIVERY WITH O.R. PROC EXCEPT STERIL AND/OR D+C	0.6817
277 CB	2		3.0 POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	0.4539
277 CB	1		1.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260
278 CB	693		3.3 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538
278 CB	132		7.6 CESAREAN SECTION WITH C. C.	1.1063
278 CB	1		4.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610
278 DA	1		5.0 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	0.8382
278 DA	2		8.0 ORGANIC DISTURBANCES & MENTAL RETARDATION	0.8419
278 DA	2		0.5 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383
279 DA	1		5.0 PULMONARY EDEMA & RESPIRATORY FAILURE	1.8076
279 DA	7		3.0 RED BLOOD CELL DISORDERS AGE 0-17	0.2952
279 DA	1		4.0 TESTES PROCEDURES, NON-MALIGNANT AGE 0-17	0.4335
280 DA	10		4.0 CELLULITIS AGE 0-17	0.4739
280 DA	14		5.9 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 0-17	0.7203
280 DA	6		2.0 MULTIPLE TRAUMA AGE 0-17	0.4796

DRG CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
280 DA	4		10.5 PREMATUREITY WITH MAJOR PROBLEMS	1.8267
280 DA	2		6.5 OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES	1.3205
280 DA	8		3.6 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253
281 DA	5		3.4 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 0-17	0.6315
281 DA	46		2.6 SIMPLE PNEUMONIA & PLEURISY AGE 0-17	0.7914
281 DA	54		2.4 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583
281 DA	98		2.2 ESOPHAGITIS, GASTROENTERITIS & MISC. DIGEST. DISORDERS AGE 0-17	0.4828
281 DA	1		0.0 EPIGLOTTITIS	0.9363
282 DA	1		4.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
282 DA	6		4.0 RESPIRATORY SIGNS & SYMPTOMS AGE >69 AND/OR C. C.	0.8072
282 DA	1		4.0 NON-MALIGNANT BREAST DISORDERS	0.5677
282 DA	1		1.0 CARDIAC ARREST, UNEXPLAINED	1.7199
283 DA	24		4.8 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996
283 DA	1		1.0 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE >69 &/OR C. C	1.3866
283 DA	1		7.0 ANAL AND STOMAL PROCEDURES AGE >69 AND/OR C. C.	0.7302
283 DA	1		1.0 ENDOCRINE DISORDERS AGE >69 AND/OR C. C.	0.9348
283 DA	2		2.0 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365
284 DA	1		1.0 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17	0.3657
284 DA	6		3.0 NEONATES WITH OTHER SIGNIFICANT PROBLEMS	0.3486
284 DA	15		1.9 SEIZURE & HEADACHE AGE 0-17	0.6255
284 DA	2		3.0 MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	0.4342
284 DA	1		1.0 ENDOCRINE DISORDERS AGE <70 W/O C. C.	0.6882
284 DA	8		3.1 DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE 0-17	0.4112
287 DA	2		2.5 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	0.4638
290 DA	13		1.6 TRAUMATIC STUPOR & COMA (1 HR AGE 0-17	0.3539
291 DA	1		1.0 MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971
291 DA	9		3.4 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460
292 DA	6		1.7 OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE <70 W/O CC	0.6002
294 DA	1		1.0 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496
294 DA	5		5.0 VIRAL MENINGITIS	1.3143
294 DA	4		2.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	0.3427
294 DA	12		2.5 LARYNGOTRACHEITIS	0.6582
295 DA	1		1.0 PREMATUREITY W/O MAJOR PROBLEMS	1.1571
295 DA	3		1.7 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592
295 DA	2		3.0 NEUROSES EXCEPT DEPRESSIVE	0.701.
295 DA	3		4.3 NEONATES, DIED OR TRANSFERRED	0.6811
296 DA	3		3.3 DIABETES AGE 0-35	0.7886
296 DA	2		3.5 OTHER DISORDERS OF THE EYE AGE 0-17	0.4018
297 DA	1		1.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090
297 DA	1		4.0 ACUTE LEUKEMIA WITHOUT MAJOR O.R. PROCURED AGE 0-17	1.0407
297 DA	1		1.0 HEART FAILURE & SHOCK	1.0098
298 DA	1		1.0 MEDICAL BACK PROBLEMS	0.6840
298 DA	1		2.0 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514
298 DA	2		2.0 INTERSTITIAL LUNG DISEASE AGE <70 W/O C. C.	0.8641
299 DA	1		5.0 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517
300 DA	1		3.0 COAGULATION DISORDERS	0.9969
300 DA	61		3.1 BRONCHITIS & ASTHMA AGE 0-17	0.7201
301 DA	1		1.0 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17	0.7912
301 DA	1		8.0 FRACTURES OF FEMUR	1.4136
301 DA	1		1.0 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468
303 DA	7		2.1 MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170
303 DA	4		2.5 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	0.9178
304 DA	2		7.5 EXTREME IMMATUREITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	3.6480
304 DA	32		1.2 POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497
305 DA	26		2.9 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
305 DA	3		0.3 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752

DRG	CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
306	DA	1		1.0 COMPLICATIONS OF TREATMENT AGE >69 AND/OR C. C.	0.8079
307	DA	3		6.3 UNRELATED OR PROCEDURE	2.4516
308	DA	1		1.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610
309	DA	1		4.0 T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AG 0-17	0.3097
310	DA	8		1.6 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424
311	DA	5		2.4 ACUTE MAJOR EYE INFECTIONS	0.6395
312	DA	9		2.4 NORMAL NEWBORNS	0.2218
313	DA	16		2.6 SEPTICEMIA AGE 0-17	1.1530
313	DA	1		4.0 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17	0.8652
314	DA	5		8.8 NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	1.4087
314	DA	1		8.0 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793
315	DA	2		1.0 SYNCOPE & COLLAPSE AGE <70 W/O C. C.	0.5335
316	DA	136		2.4 OTITIS MEDIA & URI AGE 0-17	0.5251
318	DA	3		3.7 TENDONITIS, MYOSITIS & BURSITIS	0.5892
318	DA	14		3.1 FULL TERM NEONATE WITH MAJOR PROBLEMS	0.5425
320	DA	1		2.0 G.I. OBSTRUCTION AGE <70 W/O C. C.	0.5827
320	DA	1		7.0 CONNECTIVE TISSUE DISORDERS AGE >69 AND/OR C. C.	0.9047
320	DA	25		2.2 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841
321	DA	2		2.0 DEGENERATIVE NERVOUS SYSTEM DISORDERS	1.0001
321	DA	1		2.0 O.R. PROCEDURE FOR INFECTIONS & PARASITIC DISEASES	3.3287
321	DB	9		3.6 PREMATUREITY WITH MAJOR PROBLEMS	1.8267
321	DB	238		4.3 FULL TERM NEONATE WITH MAJOR PROBLEMS	0.5425
321	DB	168		3.8 NEONATES WITH OTHER SIGNIFICANT PROBLEMS	0.3486
322	DB	28		0.8 NEONATES, DIED OR TRANSFERRED	0.6811
322	DB	10		2.6 EXTREME IMMATUREITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	3.6480
322	DB	27		4.0 PREMATUREITY W/O MAJOR PROBLEMS	1.1571
322	DB	890		3.2 NORMAL NEWBORNS	0.2218
323	EA	1		4.0 TENDONITIS, MYOSITIS & BURSITIS	0.5892
324	EA	1		5.0 OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354
324	EA	1		2.0 URINARY STONES AGE <70 W/O C. C.	0.4096
324	EA	2		2.5 POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497
324	EA	1		3.0 SEPTICEMIA AGE >17	1.6182
325	EA	1		3.0 ANAL AND STOMAL PROCEDURES AGE >69 AND/OR C. C.	0.7302
325	EA	4		3.3 KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750
325	EA	1		2.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPAT AGE <70 W/O C. C.	0.7735
326	EA	3		1.7 POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422
326	EA	2		2.5 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365
326	EA	3		5.0 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O C. C.	0.5156
327	EA	3		10.7 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460
328	EA	1		3.0 RESPIRATORY NEOPLASMS	1.1258
330	EA	14		4.0 VIRAL ILLNESS AGE >17	0.5672
331	EA	1		3.0 CIRCULATORY DISORDERS WITH AMI, EXPIRED	1.3522
331	EA	14		7.8 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1.0768
332	EA	9		4.9 HEART FAILURE & SHOCK	1.0098
332	EA	1		1.0 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253
332	EA	3		2.3 SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520
333	EA	4		12.3 SIMPLE PNEUMONIA & PLEURISY AGE >69 AND/OR C. C.	1.1657
333	EA	2		11.5 OTHER MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE >69 &/OR CC	1.0455
334	EA	1		4.0 DISORDERS OF THE BILIARY TRACT AGE >69 AND/OR C. C.	0.7775
335	EA	1		20.0 OTHER RESPIRATORY SYSTEM O.R. PROCEDURES WITH C. C.	2.5663
336	EA	1		1.0 NEUROSES EXCEPT DEPRESSIVE	0.7018
336	EA	1		0.0 LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC	0.9101
337	EA	4		3.5 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 AND/OR C. C.	0.8136
337	EA	1		12.0 LYMPHOMA & NON-ACUTE LEUKEMIA WITH CC	1.3493
337	EA	2		4.5 SIMPLE PNEUMONIA & PLEURISY AGE 18-69 W/O C. C.	0.8842
338	EA	1		2.0 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725

DRG	CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
338	EA	1		4.0 POISONING AND TOXIC EFFECTS OF DRUGS AGE >69 AND/OR C. C.	0.6951
339	EA	2		4.5 CARDIAC ARREST, UNEXPLAINED	1.7199
339	EA	1		46.0 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE >69 &/OR CC	1.3892
339	EA	8		2.3 CHEST PAIN	0.5893
340	EA	1		1.0 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452
340	EA	1		1.0 CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463
340	EA	2		5.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
341	EA	5		3.0 ANGINA PECTORIS	0.6894
342	EA	1		2.0 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583
343	EA	1		13.0 CONNECTIVE TISSUE DISORDERS AGE >69 AND/OR C. C.	0.9047
345	EA	13		5.1 HYPERTENSION	0.6363
346	EA	5		8.4 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE >69 &/OR C. C.	0.8271
347	EA	2		3.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045
347	EA	1		5.0 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE <70 W/O C. C.	0.6441
348	EA	3		4.0 DEPRESSIVE NEUROSES	0.8332
349	EA	1		7.0 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841
350	EA	2		3.5 RED BLOOD CELL DISORDERS AGE >17	0.7153
350	EA	1		3.0 PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251
350	EA	1		3.0 DISORDERS OF THE BILIARY TRACT AGE <70 W/O C. C.	0.5793
350	EA	3		3.3 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514
352	EA	7		6.3 PERIPHERAL VASCULAR DISORDERS AGE <70 W/O C. C.	0.6705
352	EA	1		5.0 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	0.9790
352	EA	3		3.3 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040
352	EA	1		3.0 VIRAL MENINGITIS	1.3143
355	EA	1		1.0 NERVOUS SYSTEM NEOPLASMS AGE >69 AND/OR C. C.	1.1322
356	EA	4		4.3 KIDNEY & URINARY TRACT INFECTIONS AGE >69 AND/OR C. C.	0.8626
356	EA	4		3.0 CELLULITIS AGE 18-69 W/O C. C.	0.7582
356	EA	1		11.0 KIDNEY & URINARY TRACT NEOPLASMS AGE >69 AND/OR C. C.	0.9216
358	EA	4		2.5 ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032
359	EA	2		1.5 CIRRHOSIS & ALCOHOLIC HEPATITIS	1.1665
359	EA	1		1.0 SIMPLE PNEUMONIA & PLEURISY AGE 0-17	0.7914
359	EA	1		2.0 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O C. C.	0.6725
360	EA	1		1.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O C. C.	0.7247
360	EA	4		3.8 ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY	1.0166
360	EA	1		8.0 DIGESTIVE MALIGNANCY AGE >69 AND/OR C. C.	1.0748
360	EA	6		9.5 CIRCULATORY DISORDERS WITH AMI W/O C.V. COMP. DISCH. ALIVE	1.3267
360	EA	1		4.0 CELLULITIS AGE >69 AND/OR C. C.	0.8861
361	EA	3		4.3 TRANSIENT ISCHEMIC ATTACKS AND PRECEREBRAL OCCLUSIONS	0.1241
361	EA	7		4.3 G.I. HEMORRHAGE AGE >69 AND/OR C. C.	0.9073
362	EA	4		5.5 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 18-69 W/O C. C.	0.6984
363	EA	1		7.0 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719
364	EA	1		1.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE >69 AND/OR CC	1.0718
364	EA	2		2.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090
364	EA	1		1.0 DIABETES AGE 0-35	0.7886
365	EA	1		2.0 ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049
365	EA	2		3.5 ALCOHOL/DRUG DEPENDENCE, DETOX AND/OR OTHER SYMPTOMATIC TREATMT	0.7978
366	EA	3		5.0 ORGANIC DISTURBANCES & MENTAL RETARDATION	0.8419
366	EA	2		1.5 DISEQUILIBRIUM	0.4500
366	EA	8		2.9 ATHEROSCLEROSIS AGE >69 AND/OR C. C.	0.8037
368	EA	2		8.0 UNRELATED OR PROCEDURE	2.4516
368	EA	3		1.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
368	EA	1		2.0 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	2.6281
368	EA	1		5.0 CESAREAN SECTION WITH C. C.	1.1063
368	EA	4		5.5 MEDICAL BACK PROBLEMS	0.6840
368	EA	1		3.0 MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971
369	EA	2		5.0 CIRCULATORY DISORDERS WITH AMI & C.V. COMP. DISCH. ALIVE	1.7687

DRG CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
369 EA	1		5.0 SIGNS & SYMPTOMS WITH C. C.	0.7949
369 EA	5		17.8 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1.3143
369 EA	2		3.5 MAJOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.8524
369 EA	1		1.0 OTHER DISORDERS OF THE EYE AGE >17 WITH C.C	0.6009
369 EA	1		12.0 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538
370 EA	1		7.0 BONE DISEASES & SEPTIC ARTHROPATHY AGE >69 AND/OR C. C.	0.6742
370 EA	1		1.0 BRONCHITIS & ASTHMA AGE 0-17	0.7201
370 EA	2		9.0 ENDOCRINE DISORDERS AGE <70 W/O C. C.	0.6882
371 EA	3		3.3 BRONCHITIS & ASTHMA AGE 18-69 W/O C. C.	0.7091
371 EA	10		6.9 DIABETES AGE =>36	0.7454
371 EA	6		3.5 ALC/DRUG ABUSE, INTOX INDUCD MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096
371 EA	1		16.0 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 18-69 W/O C. C.	1.4387
371 EA	2		3.5 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793
371 EA	2		2.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
372 EA	5		7.6 BRONCHITIS & ASTHMA AGE >69 AND/OR C. C.	0.8446
372 EB	1		1.0 T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AG 0-17	0.3097
372 EB	1		3.0 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270
373 EB	1		3.0 ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049
373 EB	1		22.0 BENIGN PROSTATIC HYPERTROPHY AGE >69 AND/OR C. C.	0.6257
373 EB	1		7.0 TRANSURETHRAL PROSTATECTOMY AGE <70 W/O C. C.	0.7788
373 EB	1		4.0 VAGINA, CERVIC & VULVA PROCEDURES	0.6338
374 EB	1		2.0 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725
374 EB	1		8.0 KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG <70 W/O C. C.	1.4893
374 EB	1		1.0 OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354
375 EB	1		18.0 UNRELATED OR PROCEDURE	2.4516
376 EB	1		5.0 URETHRAL PROCEDURES, AGE 0-17	0.4323
376 EB	1		2.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414
376 EB	1		5.0 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040
376 EC	166		3.2 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538
377 EC	1		2.0 CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463
378 EC	22		5.4 CESAREAN SECTION WITH C. C.	1.1063
378 EC	11		3.5 VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	0.5754
378 EC	33		5.4 CESAREAN SECTION W/O C. C.	0.7669
379 EC	6		2.3 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725
379 EC	15		5.3 THREATENED ABORTION	0.2409
379 EC	1		1.0 POSTPARTUM AND POSTABORTION DIAGNOSES W/O D.R. PROCEDURE	0.4539
380 EC	1		3.0 UNRELATED OR PROCEDURE	2.4516
380 EC	34		2.8 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452
380 EC	1		2.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104
381 EC	1		2.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260
381 EC	15		1.1 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
381 EC	16		1.6 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586
381 EC	9		3.2 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	0.5942
381 EC	8		1.3 FALSE LABOR	0.1136
381 ED	1		2.0 VAGINA, CERVIC & VULVA PROCEDURES	0.6338
381 ED	2		1.5 ABORTION W/O D&C	0.3792
382 ED	1		5.0 CESAREAN SECTION W/O C. C.	0.7669
382 ED	1		3.0 VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	0.5754
383 ED	5		3.0 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496
383 ED	1		6.0 D&C, CONIZATION EXCEPT FOR MALIGNANCY	0.3921
383 ED	1		7.0 UTERUS & ADENEXA PROC FOR NON-MALIGNANCY, AGE <70 W/O CC	0.9462
383 ED	4		3.0 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725
383 ED	1		2.0 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586
384 ED	1		15.0 ECTOPIC PREGNANCY	0.7357
384 EC	3		4.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610
384 EF	1		1.0 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	0.4638

DRG	CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
384	EF	5		3.4 SIMPLE PNEUMONIA & PLEURISY AGE 0-17	0.7914
385	EF	2		3.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
385	EF	14		2.8 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583
386	EF	1		1.0 DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE 0-17	0.4112
386	EF	2		8.5 OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	0.3427
387	EF	1		9.0 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725
387	EF	2		3.5 VIRAL MENINGITIS	1.3143
388	EF	20		2.0 ESOPHAGITIS, GASTROENTERITIS & MISC. DIGEST. DISORDERS AGE 0-17	0.4828
388	EF	2		2.5 CELLULITIS AGE 0-17	0.4739
389	EF	1		3.0 NONSPECIFIC CEREBROVASCULAR DISORDERS W/O C. C.	0.6802
389	EF	1		1.0 TRAUMATIC STUPOR & COMA (1 HR AGE 0-17	0.3539
389	EF	7		2.1 LARYNGOTRACHEITIS	0.6582
390	EF	2		4.0 FULL TERM NEONATE WITH MAJOR PROBLEMS	0.5425
390	EF	7		1.3 POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497
390	EF	2		1.5 MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170
391	EF	2		4.5 RED BLOOD CELL DISORDERS AGE 0-17	0.2952
391	EF	1		5.0 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253
391	EF	1		3.0 COAGULATION DISORDERS	0.9969
393	EF	1		1.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424
394	EF	2		1.0 SEIZURE & HEADACHE AGE 0-17	0.6255
394	EF	1		1.0 ALC/DRUG ABUSE, INTOX INDUCED MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096
394	EF	13		2.5 OTITIS MEDIA & URI AGE 0-17	0.5251
394	EF	3		4.0 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 0-17	0.7203
395	EF	3		1.0 MYRINGOTOMY WITH TUBE INSERTION AGE 0-17	0.3089
395	EF	4		3.3 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841
396	EF	1		5.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752
396	EF	1		2.0 NEONATES WITH OTHER SIGNIFICANT PROBLEMS	0.3486
397	EF	1		2.0 NORMAL NEWBORNS	0.2218
397	EF	2		2.0 ACUTE MAJOR EYE INFECTIONS	0.6395
397	EF	13		2.8 BRONCHITIS & ASTHMA AGE 0-17	0.7201
398	EF	1		1.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067
398	EF	4		2.8 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996
398	EF	1		1.0 SIGNS & SYMPTOMS W/O C. C.	0.6952
398	EF	1		3.0 FX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 0-17	0.3496
399	EG	3		3.7 MEDICAL BACK PROBLEMS	0.6840
399	EG	1		14.0 UNRELATED OR PROCEDURE	2.4516
399	EH	2		10.5 DEPRESSIVE NEUROSES	0.8332
399	FA	1		2.0 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468
400	FA	4		3.0 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF HIP & FEMUR	1.0156
402	FA	72		2.6 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC, W/O CC	0.4995
403	FA	12		3.5 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
403	FA	1		3.0 MAJOR THUMB OR JOINT PROC, OR OTH HAND OR WRIST PROC WITH CC	0.8180
404	FA	14		2.5 CARPAL TUNNEL RELEASE	0.4073
404	FA	9		4.3 UNRELATED OR PROCEDURE	2.4516
405	FA	3		5.0 TRAUMATIC STUPOR & COMA (1 HR AGE 18-69 W/O C. C.	0.6462
408	FA	29		4.6 SOFT TISSUE PROCEDURES AGE <70 W/O C. C.	0.6573
409	FA	2		21.5 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE >69 +/OR CC	0.6321
413	FA	6		3.7 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467
413	FA	1		10.0 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR C. C.	1.1334
414	FA	1		3.0 SOFT TISSUE PROCEDURES AGE >69 AND/OR C. C.	0.8783
415	FA	5		3.4 O.R. PROC WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES	1.3548
415	FA	7		7.4 FOOT PROCEDURES	0.6552
415	FA	9		1.7 TENDONITIS, MYOSITIS & BURSITIS	0.5892
416	FA	1		2.0 CRANIAL & PERIPHERAL NERVE DISORDERS AGE >69 AND/OR C. C.	0.7566
416	FA	1		4.0 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592
417	FA	8		6.6 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014

DRG CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
418 FA	1	1.0	OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE >69 AND/OR CC	0.8099
418 FA	2	1.5	MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170
418 FA	2	11.0	TRAUMATIC STUPOR & COMA, COMA (1 HR AGE >69 AND/OR C. C.	0.9422
418 FA	29	3.4	SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC, W/O CC	0.6894
418 FA	1	1.0	TRAUMATIC STUPOR & COMA, COMA >1 HR	1.5645
419 FA	1	7.0	DIABETES AGE =>36	0.7454
420 FA	1	1.0	CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463
420 FA	11	4.0	MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTREMITY PROC WITH CC	1.2263
420 FA	1	6.0	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH	0.6049
421 FA	72	2.8	KNEE PROCEDURES AGE <70 W/O C. C.	0.7262
421 FA	6	42.0	FRACTURES OF FEMUR	1.4136
421 FA	1	1.0	KNEE PROCEDURES AGE >69 AND/OR C. C.	1.0141
421 FA	48	5.9	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517
421 FA	1	2.0	VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION W/O PUMP	2.2055
421 FA	2	3.5	CELLULITIS AGE 18-69 W/O C. C.	0.7582
422 FA	1	10.0	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 0-17	0.9242
422 FA	80	3.4	ARTHROSCOPY	0.6723
422 FA	1	3.0	MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072
422 FA	3	2.7	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414
423 FA	1	6.0	DISORDERS OF PERSONALITY & IMPULSE CONTROL	0.8513
423 FA	1	2.0	AFTERCARE W/O HISTORY OF MALIGNANCY AS SECONDARY DX	0.4152
424 FA	18	15.8	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 18-69 W/O CC	1.0436
425 FA	5	1.8	FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	0.4638
425 FA	1	3.0	APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872
425 FA	3	1.3	FX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 0-17	0.3496
425 FA	5	5.4	OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O C. C.	1.4841
425 FA	2	3.0	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.7875
426 FA	3	12.0	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE >69 &/OR CC	1.3797
426 FA	8	3.6	BONE DISEASES & SEPTIC ARTHROPATHY AGE <70 W/O C. C.	0.6400
426 FA	5	11.2	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULOSKELETAL & CONN. TIS	2.3097
426 FA	59	11.3	MEDICAL BACK PROBLEMS	0.6840
426 FA	2	1.5	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	1.5565
426 FA	1	11.0	OSTEOMYELITIS	1.6471
427 FA	1	1.0	DIABETES AGE 0-35	0.7886
427 FA	13	4.2	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622
427 FA	1	18.0	SPINAL DISORDERS & INJURIES	1.4235
427 FA	3	13.7	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE >69 &/OR CC	1.3892
427 FA	5	5.8	HAND PROCEDURES FOR INJURIES	0.7303
428 FA	2	7.5	CRANIAL & PERIPHERAL NERVE DISORDERS AGE <70 W/O C. C.	0.6549
428 FA	1	12.0	KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG AGE >69 &/OR C. C.	2.0322
428 FA	31	2.4	FX, SPRNS, STRNS & DISL OF UPARM. LOWLEG EX FOOT AGE 18-69 W/O CC	0.4929
429 FA	1	21.0	WOUND DEBRIGEMENTS FOR INJURIES	2.0421
429 FA	6	1.8	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793
429 FA	5	24.6	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 18-69 W/O C. C.	1.7866
430 FA	2	7.0	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022
430 FA	3	5.3	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE <70 W/O C. C.	0.7464
431 FA	2	56.0	SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520
432 FA	1	21.0	CESAREAN SECTION W/O C. C.	0.7669
433 FA	2	5.5	SKIN-GRAFT AND/OR DEBRID EXC SKIN ULCER OR CELLULITIS W/O C.C.	0.7313
433 FA	3	19.3	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >69 AND/OR C. C.	2.0317
434 FA	1	6.0	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	0.9698
434 FA	2	21.0	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES	2.3925
434 FA	65	2.8	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381
434 FA	3	3.3	FRACTURES OF HIP & PELVIS	1.0712
434 FA	11	2.8	FX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	0.4003
435 FA	1	27.0	SKIN GRAFTS FOR INJURIES	1.6505

ORG	CLSVC	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
435	FB	2		2.5 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	1.5565
435	FB	4		2.8 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381
436	FB	9		3.1 SOFT TISSUE PROCEDURES AGE (70 W/O C. C.	0.6573
436	FB	29		3.4 FOOT PROCEDURES	0.6552
436	FB	1		1.0 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
439	FB	2		5.0 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793
440	FB	11		3.8 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE (70 W/O CC	0.9517
440	FB	3		2.3 UNRELATED OR PROCEDURE	2.4516
440	FB	1		7.0 TRANSURETHRAL PROSTATECTOMY AGE (70 W/O C. C.	0.7788
441	FB	6		6.8 LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 18-69 W/O CC	1.0436
442	FB	3		4.3 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 WOCC	0.4929
442	FB	1		1.0 FX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	0.4003
443	FB	1		2.0 PERIPHERAL VASCULAR DISORDERS AGE (69 AND/OR C. C.	0.8251
443	FB	3		4.0 CRANIAL & PERIPHERAL NERVE DISORDERS AGE (70 W/O C. C.	0.6549
443	FB	1		2.0 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES	0.5657
443	FB	1		9.0 SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC, W/O CC	0.6894
444	FB	7		3.6 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE (70 W/O C. C.	0.7464
444	FB	5		2.4 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE (70 W/O C. C.	0.7622
444	FB	1		1.0 BONE DISEASES & SEPTIC ARTHROPATHY AGE (70 W/O C. C.	0.6400
444	FB	1		2.0 LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 0-17	0.9242
445	GA	29		6.7 NEUROSES EXCEPT DEPRESSIVE	0.7018
445	GA	17		7.6 POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422
445	GA	3		1.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE (69 &/OR C. C.	0.5414
445	GA	1		28.0 OTHER DIAGNOSES OF MENTAL DISORDERS	0.6968
445	GA	1		8.0 MULTIPLE TRAUMA AGE (69 AND/OR C. C.	0.7072
445	GA	2		1.5 ALCOHOL/DRUG USE AND INDUCED ORGANIC MENTAL DISORDERS, LEFT AMA	0.3906
446	GA	3		1.3 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467
446	GA	40		7.3 ALC/DRUG ABUSE, INTOX INDUCD MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096
447	GA	1		20.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090
449	GA	1		10.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE (70 W/O C. C.	0.7735
449	GA	1		11.0 SEIZURE & HEADACHE AGE (69 AND/OR C. C.	0.7642
449	GA	2		17.0 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
450	GA	3		2.7 POISONING AND TOXIC EFFECTS OF DRUGS AGE (69 AND/OR C. C.	0.6951
450	GA	1		7.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260
450	GA	28		9.5 DISORDERS OF PERSONALITY & IMPULSE CONTROL	0.8513
450	GA	5		5.4 ALCOHOL/DRUG DEPENDENCE, DETOX AND/OR OTHER SYMPTOMATIC TREATMT	0.7978
451	GA	36		69.1 PSYCHOSES	1.0760
451	GA	2		2.5 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212
451	GA	1		1.0 MEDICAL BACK PROBLEMS	0.6840
451	GA	1		4.0 CHILDHOOD MENTAL DISORDERS	0.8493
451	GA	51		6.7 DEPRESSIVE NEUROSES	0.8332
452	GA	2		2.5 ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY	1.0166
452	HA	9		1.2 OTHER DISORDERS OF THE EYE AGE (17 W/O C.C	0.4187
452	HA	1		3.0 CELLULITIS AGE 18-69 W/O C. C.	0.7582
453	HA	19		1.6 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17	0.3657
453	HA	3		2.0 ACUTE MAJOR EYE INFECTIONS	0.6395
453	HA	1		1.0 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991
453	HA	2		2.0 UNRELATED OR PROCEDURE	2.4516
453	HA	99		2.2 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719
453	HA	1		4.0 MOUTH PROCEDURES AGE (70 W/O C.C.	0.6580
454	HA	3		2.7 HYPHEMA	0.3461
455	HA	1		4.0 NEUROLOGICAL EYE DISORDERS	0.5407
455	HA	10		3.0 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE (17	0.4133
455	HA	1		2.0 OTHER DISORDERS OF THE EYE AGE (17 WITH C.C	0.6009
456	HA	1		2.0 PRIMARY IRIS PROCEDURES	0.3963
458	HA	2		5.0 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS + LENS	0.6542

DRG CLSVC FREQ	ALOS	VERBAL DESCRIPTION	REL WGT
459 HA	1	1.0 RETINAL PROCEDURES	0.7101
460 HA	3	1.0 OTHER DISORDERS OF THE EYE AGE 0-17	0.4018
460 HB	7	2.4 T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AG 0-17	0.3097
460 HB	2	2.5 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE (70 W/O CC	0.9517
460 HB	9	7.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045
460 HB	2	8.5 SIALOADENECTOMY	0.7033
461 HB	2	6.0 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE (70 W/O C. C.	0.7622
461 HB	5	2.4 SINUS & MASTOID PROCEDURES AGE >17	0.6175
461 HB	1	3.0 CELLULITIS AGE 18-69 W/O C. C.	0.7582
463 HB	20	2.9 RHINOPLASTY	0.4357
464 HB	4	2.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	0.3427
464 HB	14	3.2 TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY AGE >17	0.4130
466 HB	1	30.0 MAJOR CHEST PROCEDURES	2.9776
467 HB	25	2.8 TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY AGE 0-17	0.2616
467 HB	1	3.0 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE (70 WITHOUT C. C.	0.6841
467 HB	44	1.3 MYRINGOTOMY WITH TUBE INSERTION AGE 0-17	0.3089
467 HB	2	2.0 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014
467 HB	7	2.9 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040
467 HB	1	10.0 UNRELATED OR PROCEDURE	2.4516
467 HB	3	2.0 OTITIS MEDIA & URI AGE 0-17	0.5251
467 HB	1	1.0 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	0.8382
467 HB	1	4.0 LARYNGOTRACHEITIS	0.6582
467 HB	1	3.0 OTHER O.R. PROCEDURES FOR INJURIES AGE (70 W/O C. C.	1.4841
467 HB	1	7.0 SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	0.5878
468 HB	2	3.5 OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889
468 HB	6	2.7 T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17	0.7717
468 HB	2	5.5 MOUTH PROCEDURES AGE (70 W/O C.C.	0.6580
468 HB	2	1.5 COMPLICATIONS OF TREATMENT AGE >69 AND/OR C. C.	0.8079
468 HB	1	2.0 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365
468 HB	1	4.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE (70 W/O C. C.	0.7247
468 HB	2	1.5 MINOR SKIN DISORDERS AGE (70 W/O C. C.	0.5170
468 HB	2	3.5 MAJOR HEAD & NECK PROCEDURES	2.8742
468 HB	1	2.0 THYROGLOSSAL PROCEDURES	0.6072
468 HB	1	5.0 BONE DISEASES & SEPTIC ARTHROPATHY AGE (70 W/O C. C.	0.6400
468 HB	1	2.0 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 0-17	0.7203
468 HB	2	4.5 VIRAL ILLNESS AGE >17	0.5672
468 HB	2	2.5 EAR, NOSE & THROAT MALIGNANCY	0.9769
468 HB	12	2.6 MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	0.4342
468 HB	1	11.0 DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE >17	0.7147
473 HB	5	1.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260

APPENDIX E

Calculations of case mix indices, weighted length of hospital stay,
and number of inpatients served by patient intensity level and clinical
service for FY86.

FY86DRG DATA (INTERNAL MEDICINE SERVICE)

INTERNAL MEDICINE-LOW INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
373	1	12.0	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538	0.3538	12.00
30	2	3.5	TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	0.3539	0.7078	7.00
381	1	2.0	ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725	0.3725	2.00
433	1	2.0	ALCOHOL/DRUG USE AND INDUCED ORGANIC MENTAL DISORDERS, LEFT AMA	0.3906	0.3906	2.00
32	1	2.0	CONCUSSION AGE 18-69 W/O C. C.	0.4064	0.4064	2.00
324	1	2.0	URINARY STONES AGE <70 W/O C. C.	0.4096	0.4096	2.00
324	1	3.0	URINARY STONES AGE <70 W/O C. C.	0.4096	0.4096	3.00
47	4	7.0	OTHER DISORDERS OF THE EYE AGE >17 W/O C.C	0.4187	1.6748	28.00
383	2	4.5	OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452	0.8904	9.00
383	1	1.0	OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452	0.4452	1.00
281	1	1.0	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467	0.4467	1.00
447	3	1.0	ALLERGIC REACTIONS AGE >17	0.4470	1.341	3.00
65	2	1.5	DISEQUILIBRIUM	0.4500	0.9	3.00
65	1	2.0	DISEQUILIBRIUM	0.4500	0.45	2.00
376	1	11.0	POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	0.4539	0.4539	11.00
254	1	30.0	FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 W/OCC	0.4929	0.4929	30.00
69	3	3.3	OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040	1.512	10.00
69	17	3.1	OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040	8.568	53.00
183	47	3.4	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	23.9888	159.00
184	1	2.0	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	0.5104	2.00
183	1	2.0	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	0.5104	2.00
184	1	6.0	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	0.5104	6.00
183	2	5.0	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	1.0208	10.00
183	2	6.0	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	1.0208	12.00
326	4	3.3	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O C. C.	0.5156	2.0624	13.00
326	3	5.0	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O C. C.	0.5156	1.5468	15.00
284	4	3.0	MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170	2.068	12.00
70	1	12.0	OTITIS MEDIA & URI AGE 0-17	0.5251	0.5251	12.00
189	6	4.5	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260	3.156	27.00
162	4	6.5	INGUINAL & FEMORAL HERNIA PROCEDURES AGE 18-69 W/O C. C.	0.5261	2.1044	26.00
142	5	1.8	SYNCOPE & COLLAPSE AGE <70 W/O C. C.	0.5335	2.6675	9.00
352	1	9.0	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354	0.5354	9.00
352	1	5.0	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354	0.5354	5.00
45	2	3.0	NEUROLOGICAL EYE DISORDERS	0.5407	1.0814	6.00
280	2	2.5	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414	1.0828	5.00
450	32	1.7	POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422	17.3504	53.00
450	3	1.7	POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422	1.6266	5.00
451	1	1.0	POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497	0.5497	1.00
451	2	2.5	POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497	1.0994	5.00
158	1	14.0	ANAL AND STOMAL PROCEDURES AGE <70 W/O C. C.	0.5511	0.5511	14.00
25	3	2.3	SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520	1.656	7.00
25	38	2.6	SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520	20.976	97.00
178	2	2.5	UNCOMPLICATED PEPTIC ULCER <70 W/O C. C.	0.5554	1.1108	5.00
421	60	3.7	VIRAL ILLNESS AGE >17	0.5672	34.032	223.00
421	14	4.0	VIRAL ILLNESS AGE >17	0.5672	7.9408	56.00

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL	WGT	WGT	PROD	WGT	PROD	ALOS
276	1			7.0 NON-MALIGNANT BREAST DISORDERS	0.5677	0.5677		7.00			
39	1			2.0 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719	0.5719		2.00			
39	1			7.0 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719	0.5719		7.00			
339	1			6.0 TESTES PROCEDURES, NON-MALIGNANT AGE >17	0.5766	0.5766		6.00			
208	1			3.0 DISORDERS OF THE BILIARY TRACT AGE <70 W/O C. C.	0.5793	0.5793		3.00			
247	8			2.8 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793	4.6344		22.00			
208	2			7.5 DISORDERS OF THE BILIARY TRACT AGE <70 W/O C. C.	0.5793	1.1586		15.00			
247	2			3.5 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793	1.1586		7.00			
313	2			5.5 URETHRAL PROCEDURES, AGE 18-69 W/O C. C.	0.5804	1.1608		11.00			
181	1			1.0 G.I. OBSTRUCTION AGE <70 W/O C. C.	0.5827	0.5827		1.00			
248	5			2.8 TENDONITIS, MYOSITIS & BURSITIS	0.5892	2.946		14.00			
248	1			4.0 TENDONITIS, MYOSITIS & BURSITIS	0.5892	0.5892		4.00			
143	8			2.3 CHEST PAIN	0.5893	4.7144		18.00			
143	19			3.3 CHEST PAIN	0.5893	11.1967		63.00			
143	10			4.0 CHEST PAIN	0.5893	5.893		40.00			
372	1			16.0 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	0.5942	0.5942		16.00			
455	5			1.4 OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE <70 W/O CC	0.6002	3.001		7.00			
46	1			1.0 OTHER DISORDERS OF THE EYE AGE >17 WITH C.C	0.6009	0.6009		1.00			
46	1			1.0 OTHER DISORDERS OF THE EYE AGE >17 WITH C.C	0.6009	0.6009		1.00			
445	1			2.0 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014	0.6014		2.00			
182	19			5.8 ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032	11.4608		111.00			
182	4			2.5 ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032	2.4128		10.00			
182	1			2.0 ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032	0.6032		2.00			
73	2			3.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045	1.209		6.00			
73	1			1.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045	0.6045		1.00			
68	2			4.5 OTITIS MEDIA & URI AGE >69 AND/OR C. C.	0.6088	1.2176		9.00			
425	4			4.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090	2.436		16.00			
425	2			2.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090	1.218		4.00			
141	6			6.8 SYNCOPE & COLLAPSE AGE >69 AND/OR C. C.	0.6187	3.7122		41.00			
15	3			4.3 TRANSIENT ISCHEMIC ATTACKS AND PRRCEREBRAL OCCLUSIONS	0.6241	1.8723		13.00			
15	12			2.8 TRANSIENT ISCHEMIC ATTACKS AND PRRCEREBRAL OCCLUSIONS	0.6241	7.4892		34.00			
100	1			1.0 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253	0.6253		1.00			
100	2			8.0 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253	1.2506		16.00			
26	1			1.0 SEIZURE & HEADACHE AGE 0-17	0.6255	0.6255		1.00			
350	6			4.0 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270	3.762		24.00			
253	1			5.0 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE>69 +/OR CC	0.6321	0.6321		5.00			
134	25			4.3 HYPERTENSION	0.6363	15.9075		108.00			
134	3			6.0 HYPERTENSION	0.6363	1.9089		18.00			
134	13			5.1 HYPERTENSION	0.6363	8.2719		66.00			
283	2			7.0 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365	1.273		14.00			
283	2			2.5 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365	1.273		5.00			
44	1			6.0 ACUTE MAJOR EYE INFECTIONS	0.6395	0.6395		6.00			
245	2			4.0 BONE DISEASES & SEPTIC ARTHROPATHY AGE <70 W/O C. C.	0.6400	1.28		8.00			
347	1			5.0 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE <70 W/O C. C.	0.6441	0.6441		5.00			
29	5			2.4 TRAUMATIC STUPOR & COMA <1 HR AGE 18-69 W/O C. C.	0.6462	3.231		12.00			
325	1			1.0 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE>69 AND/OR C. C.	0.6503	0.6503		1.00			
139	20			3.2 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514	13.028		64.00			
139	3			3.3 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514	1.9542		10.00			
139	5			3.8 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514	3.257		19.00			
161	1			5.0 INGUINAL & FEMORAL HERNIA PROCEDURES AGE >69 AND/OR C. C.	0.6536	0.6536		5.00			
19	3			6.0 CRANIAL & PERIPHERAL NERVE DISORDERS AGE <70 W/O C. C.	0.6549	1.9647		18.00			
169	2			28.5 MOUTH PROCEDURES AGE <70 W/O C.C.	0.6580	1.316		57.00			
71	1			4.0 LARYNGOTRACHEITIS	0.6582	0.6582		4.00			
422	1			3.0 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583	0.6583		3.00			
422	1			2.0 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583	0.6583		2.00			

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL	WGT	WGT	PROD	WGT	PROD	ALOS
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TOTAL PATIENTS 518
 WGT PROD SUM= 1943.0015
 WGT ALOS SUM= 294.7036
 CASE MIX INDEX= 0.5689
 WGT ALOS= 3.7510

INTERNAL MEDICINE-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL	WGT	WGT	PROD	WGT	PROD	ALOS
177	2	3.5	UNCOMPLICATED PEPTIC ULCER >69 AND/OR C. C.	0.6615	1.323		7.00			
131	5	5.2	PERIPHERAL VASCULAR DISORDERS AGE <70 W/O C. C.	0.6705	3.3525		26.00			
131	7	6.3	PERIPHERAL VASCULAR DISORDERS AGE <70 W/O C. C.	0.6705	4.6935		44.00			
232	2	2.5	ARTHROSCOPY	0.6723	1.3446		5.00			
332	1	1.0	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O C. C.	0.6725	0.6725		1.00			
332	1	2.0	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O C. C.	0.6725	0.6725		2.00			
244	3	7.3	BONE DISEASES & SEPTIC ARTHROPATHY AGE >69 AND/OR C. C.	0.6742	2.0226		22.00			
244	1	7.0	BONE DISEASES & SEPTIC ARTHROPATHY AGE >69 AND/OR C. C.	0.6742	0.6742		7.00			
321	4	3.3	KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750	2.7		13.00			
321	19	4.4	KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750	12.825		83.00			
17	1	14.0	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O C. C.	0.6802	0.6802		14.00			
243	4	5.5	MEDICAL BACK PROBLEMS	0.6840	2.736		22.00			
243	11	12.7	MEDICAL BACK PROBLEMS	0.6840	7.524		140.00			
102	6	3.0	OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841	4.1046		18.00			
102	1	7.0	OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841	0.6841		7.00			
301	4	3.3	ENDOCRINE DISORDERS AGE <70 W/O C. C.	0.6882	2.7528		13.00			
301	2	9.0	ENDOCRINE DISORDERS AGE <70 W/O C. C.	0.6882	1.3764		18.00			
140	10	5.0	ANGINA PECTORIS	0.6894	6.894		50.00			
140	5	3.0	ANGINA PECTORIS	0.6894	3.447		15.00			
140	23	3.9	ANGINA PECTORIS	0.6894	15.8562		89.00			
449	1	4.0	POISONING AND TOXIC EFFECTS OF DRUGS AGE >69 AND/OR C. C.	0.6951	0.6951		4.00			
449	8	3.5	POISONING AND TOXIC EFFECTS OF DRUGS AGE >69 AND/OR C. C.	0.6951	5.5608		28.00			
464	3	1.3	SIGNS & SYMPTOMS W/O C. C.	0.6952	2.0856		4.00			
297	4	5.5	NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 18-69 W/O C. C.	0.6984	2.7936		22.00			
297	7	4.6	NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 18-69 W/O C. C.	0.6984	4.8888		32.00			
256	2	6.5	OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991	1.3982		13.00			
322	1	10.0	KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996	0.6996		10.00			
427	2	3.0	NEUROSES EXCEPT DEPRESSIVE	0.7018	1.4036		6.00			
427	1	1.0	NEUROSES EXCEPT DEPRESSIVE	0.7018	0.7018		1.00			
427	1	13.0	NEUROSES EXCEPT DEPRESSIVE	0.7018	0.7018		13.00			
133	9	3.8	ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049	6.3441		34.00			
133	2	4.0	ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049	1.4098		8.00			
133	1	2.0	ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049	0.7049		2.00			
175	13	5.1	G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067	9.1871		66.00			
175	1	6.0	G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067	0.7067		6.00			
175	1	1.0	G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067	0.7067		1.00			
175	3	1.0	G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067	2.1201		3.00			
444	1	2.0	MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072	0.7072		2.00			
97	3	3.3	BRONCHITIS & ASTHMA AGE 18-69 W/O C. C.	0.7091	2.1273		10.00			
97	42	3.9	BRONCHITIS & ASTHMA AGE 18-69 W/O C. C.	0.7091	29.7822		162.00			
434	28	3.3	ALC/DRUG ABUSE, INTOX INDUCED MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096	19.8688		93.00			
434	6	3.5	ALC/DRUG ABUSE, INTOX INDUCED MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096	4.2576		21.00			
185	1	15.0	DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE >17	0.7147	0.7147		15.00			
395	2	3.5	RED BLOOD CELL DISORDERS AGE >17	0.7153	1.4306		7.00			
395	12	4.9	RED BLOOD CELL DISORDERS AGE >17	0.7153	8.5836		59.00			
188	2	1.5	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.7171	1.4342		3.00			

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
98	1			1.0 BRONCHITIS & ASTHMA AGE 0-17	0.7201	0.7201		1.00
98	1			5.0 BRONCHITIS & ASTHMA AGE 0-17	0.7201	0.7201		5.00
467	1			1.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	0.7212		1.00
467	4			2.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	2.8848		8.00
467	2			2.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	1.4424		4.00
399	1			1.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O C. C.	0.7247	0.7247		1.00
157	1			3.0 ANAL AND STOMAL PROCEDURES AGE >69 AND/OR C. C.	0.7302	0.7302		3.00
231	2			2.0 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381	1.4762		4.00
35	3			7.0 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383	2.2149		21.00
35	1			1.0 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383	0.7383		1.00
294	3			4.3 DIABETES AGE =>36	0.7454	2.2362		13.00
294	35			4.9 DIABETES AGE =>36	0.7454	26.089		170.00
294	10			6.9 DIABETES AGE =>36	0.7454	7.454		69.00
241	1			1.0 CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463	0.7463		1.00
241	9			4.0 CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463	6.7167		36.00
453	2			2.5 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468	1.4936		5.00
136	2			3.5 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 18-69 W/O C. C.	0.7525	1.505		7.00
18	1			6.0 CRANIAL & PERIPHERAL NERVE DISORDERS AGE >69 AND/OR C. C.	0.7566	0.7566		6.00
278	4			3.0 CELLULITIS AGE 18-69 W/O C. C.	0.7582	3.0328		12.00
278	15			4.1 CELLULITIS AGE 18-69 W/O C. C.	0.7582	11.373		62.00
180	1			17.0 G.I. OBSTRUCTION AGE >69 AND/OR C. C.	0.7583	0.7583		17.00
24	1			2.0 SEIZURE & HEADACHE AGE >69 AND/OR C. C.	0.7642	0.7642		2.00
24	4			4.8 SEIZURE & HEADACHE AGE >69 AND/OR C. C.	0.7642	3.0568		19.00
371	1			32.0 CESAREAN SECTION W/O C. C.	0.7669	0.7669		32.00
57	1			7.0 T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE>17	0.7717	0.7717		7.00
206	1			2.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE <70 W/O C. C.	0.7735	0.7735		2.00
206	11			4.4 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE <70 W/O C. C.	0.7735	8.5085		48.00
207	1			4.0 DISORDERS OF THE BILIARY TRACT AGE >69 AND/OR C. C.	0.7775	0.7775		4.00
295	1			1.0 DIABETES AGE 0-35	0.7886	0.7886		1.00
295	10			7.6 DIABETES AGE 0-35	0.7886	7.886		76.00
91	1			1.0 SIMPLE PNEUMONIA & PLEURISY AGE 0-17	0.7914	0.7914		1.00
463	1			5.0 SIGNS & SYMPTOMS WITH C. C.	0.7949	0.7949		5.00
273	2			16.5 MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971	1.5942		33.00
273	1			3.0 MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971	0.7971		3.00
435	2			3.5 ALCOHOL/DRUG DEPENDENCE, DETOX AND/OR OTHER SYMPTOMATIC TREATMT	0.7978	1.5956		7.00
435	14			3.5 ALCOHOL/DRUG DEPENDENCE, DETOX AND/OR OTHER SYMPTOMATIC TREATMT	0.7978	11.1692		49.00
132	6			4.2 ATHEROSCLEROSIS AGE >69 AND/OR C. C.	0.8037	4.8222		25.00
132	8			2.9 ATHEROSCLEROSIS AGE >69 AND/OR C. C.	0.8037	6.4296		23.00
132	25			5.0 ATHEROSCLEROSIS AGE >69 AND/OR C. C.	0.8037	20.0925		125.00
299	1			6.0 INBORN ERRORS OF METABOLISM	0.8041	0.8041		6.00
452	4			11.0 COMPLICATIONS OF TREATMENT AGE >69 AND/OR C. C.	0.8079	3.2316		44.00
138	4			3.5 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 AND/OR C. C.	0.8136	3.2544		14.00
138	6			7.0 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 AND/OR C. C.	0.8136	4.8816		42.00
138	34			4.6 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 AND/OR C. C.	0.8136	27.6624		157.00
130	9			5.3 PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251	7.4259		48.00
130	1			3.0 PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251	0.8251		3.00
296	5			8.4 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE >69 &/OR C. C.	0.8271	4.1355		42.00
296	5			4.8 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE >69 &/OR C. C.	0.8271	4.1355		24.00
420	1			4.0 FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O C. C.	0.8316	0.8316		4.00
331	4			9.5 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >69 AND/OR C. C.	0.8329	3.3316		38.00
426	1			1.0 DEPRESSIVE NEUROSES	0.8332	0.8332		1.00
426	4			2.8 DEPRESSIVE NEUROSES	0.8332	3.3328		11.00
426	1			42.0 DEPRESSIVE NEUROSES	0.8332	0.8332		42.00
426	3			4.0 DEPRESSIVE NEUROSES	0.8332	2.4996		12.00
429	3			5.0 ORGANIC DISTURBANCES & MENTAL RETARDATION	0.8419	2.5257		15.00
429	4			3.5 ORGANIC DISTURBANCES & MENTAL RETARDATION	0.8419	3.3676		14.00

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
96	5			7.6 BRONCHITIS & ASTHMA AGE >69 AND/OR C. C.	0.8446	4.223	38.00	
96	6			8.3 BRONCHITIS & ASTHMA AGE >69 AND/OR C. C.	0.8446	5.0676	50.00	
128	1			8.0 DEEP VEIN THROMBOPHLEBITIS	0.8456	0.8456	8.00	
101	4			4.8 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460	3.384	19.00	
101	3			10.7 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460	2.538	32.00	
356	1			14.0 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.8470	0.847	14.00	
145	2			5.5 OTHER CIRCULATORY DIAGNOSES W/O C. C.	0.8475	1.695	11.00	
145	2			4.0 OTHER CIRCULATORY DIAGNOSES W/O C. C.	0.8475	1.695	8.00	
428	1			42.0 DISORDERS OF PERSONALITY & IMPULSE CONTROL	0.8513	0.8513	42.00	
272	1			3.0 MAJOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.8524	0.8524	3.00	
272	2			3.5 MAJOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.8524	1.7048	7.00	
346	1			25.0 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE >69 AND/OR C. C.	0.8568	0.8568	25.00	
366	2			6.0 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 AND/OR C. C.	0.8624	1.7248	12.00	
320	4			4.3 KIDNEY & URINARY TRACT INFECTIONS AGE >69 AND/OR C. C.	0.8626	3.4504	17.00	
320	9			5.0 KIDNEY & URINARY TRACT INFECTIONS AGE >69 AND/OR C. C.	0.8626	7.7634	45.00	
93	2			9.0 INTERSTITIAL LUNG DISEASE AGE <70 W/O C. C.	0.8641	1.7282	18.00	
90	16			4.1 SIMPLE PNEUMONIA & PLEURISY AGE 18-69 W/O C. C.	0.8842	14.1472	65.00	
90	2			4.5 SIMPLE PNEUMONIA & PLEURISY AGE 18-69 W/O C. C.	0.8842	1.7684	9.00	
277	4			4.8 CELLULITIS AGE >69 AND/OR C. C.	0.8861	3.5444	19.00	
277	1			4.0 CELLULITIS AGE >69 AND/OR C. C.	0.8861	0.8861	4.00	
167	1			5.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872	0.8872	5.00	
135	5			6.0 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >69 AND/OR C. C.	0.8937	4.4685	30.00	
135	1			1.0 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >69 AND/OR C. C.	0.8937	0.8937	1.00	
414	1			16.0 OTHER MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE <70 W/O CC	0.8983	0.8983	16.00	
16	1			7.0 NONSPECIFIC CEREBROVASCULAR DISORDERS WITH C. C.	0.9042	0.9042	7.00	
16	1			3.0 NONSPECIFIC CEREBROVASCULAR DISORDERS WITH C. C.	0.9042	0.9042	3.00	
240	1			13.0 CONNECTIVE TISSUE DISORDERS AGE >69 AND/OR C. C.	0.9047	0.9047	13.00	
240	3			7.3 CONNECTIVE TISSUE DISORDERS AGE >69 AND/OR C. C.	0.9047	2.7141	22.00	
174	14			5.1 G.I. HEMORRHAGE AGE >69 AND/OR C. C.	0.9073	12.7022	71.00	
174	7			4.3 G.I. HEMORRHAGE AGE >69 AND/OR C. C.	0.9073	6.3511	30.00	
404	1			0.0 LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC	0.9101	0.9101	0.00	
404	2			4.5 LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC	0.9101	1.8202	9.00	
318	1			11.0 KIDNEY & URINARY TRACT NEOPLASMS AGE >69 AND/OR C. C.	0.9216	0.9216	11.00	
239	1			1.0 PATHOLOGICAL FRACTURES & MUSCULOSKELETAL & CONN. TISS. MALIGNCY	0.9268	0.9268	1.00	
11	2			3.5 NERVOUS SYSTEM NEOPLASMS AGE <70 W/O C. C.	0.9338	1.8676	7.00	
300	3			6.7 ENDOCRINE DISORDERS AGE >69 AND/OR C. C.	0.9348	2.8044	20.00	
28	6			1.8 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >69 AND/OR C. C.	0.9422	5.6532	11.00	
204	3			4.3 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	0.9698	2.9094	13.00	
398	6			3.8 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752	5.8512	23.00	
86	5			4.6 PLEURAL EFFUSION AGE <70 W/O C. C.	0.9761	4.8805	23.00	
34	2			3.5 OTHER DISORDERS OF NERVOUS SYSTEM AGE >69 AND/OR C. C.	0.9761	1.9522	7.00	
13	3			2.0 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	0.9790	2.937	6.00	
13	1			5.0 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	0.9790	0.979	5.00	
13	2			4.0 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	0.9790	1.958	8.00	
336	1			26.0 TRANSURETHRAL PROSTATECTOMY AGE >69 AND/OR C. C.	0.9869	0.9869	26.00	
179	5			7.0 INFLAMMATORY BOWEL DISEASE	0.9875	4.9375	35.00	
275	1			5.0 MALIGNANT BREAST DISORDERS AGE <70 W/O C. C.	0.9880	0.988	5.00	
397	3			3.0 COAGULATION DISORDERS	0.9969	2.9907	9.00	

TOTAL PATIENTS 702.0000
 WGT PROD SUM= 545.4523
 WGT ALOS SUM= 3509.9925
 CASE MIX INDEX= 0.7770
 WGT ALOS= 5.0000

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
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INTERNAL MEDICINE-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
12	11	10.0	DEGENERATIVE NERVOUS SYSTEM DISORDERS	1.0001	11.0011	110.00	
127	6	6.8	HEART FAILURE & SHOCK	1.0098	6.0588	41.00	
127	9	4.9	HEART FAILURE & SHOCK	1.0098	9.0882	44.00	
127	37	7.1	HEART FAILURE & SHOCK	1.0098	37.3626	261.00	
436	4	3.8	ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY	1.0166	4.0664	15.00	
436	1	2.0	ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY	1.0166	1.0166	2.00	
203	1	8.0	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	1.0338	1.0338	8.00	
274	3	6.0	MALIGNANT BREAST DISORDERS AGE >69 AND/OR C. C.	1.0367	3.1101	18.00	
219	1	25.0	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 18-69 W/O CC	1.0436	1.0436	25.00	
413	2	14.0	OTHR MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE>69 &/OR CC	1.0455	2.091	28.00	
413	2	11.5	OTHR MYELOPROLIF DISORD OR POORLY DIFF NEOPL DX AGE>69 &/OR CC	1.0455	2.091	23.00	
408	1	4.0	MYELOPROLIF DISORD OR POORLY DIFF NEOPL WITH OTHER O.R. PROC	1.0500	1.05	4.00	
402	1	10.0	LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER O.R. PROCEDURE W/O CC	1.0514	1.0514	10.00	
205	1	1.0	DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE >69 AND/OR CC	1.0718	1.0718	1.00	
205	10	7.4	DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE >69 AND/OR CC	1.0718	10.718	74.00	
172	1	8.0	DIGESTIVE MALIGNANCY AGE >69 AND/OR C. C.	1.0748	1.0748	8.00	
430	2	3.5	PSYCHOSES	1.0760	2.152	7.00	
88	3	5.3	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1.0768	3.2304	16.00	
88	14	7.8	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1.0768	15.0752	109.00	
88	47	7.3	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1.0768	50.6096	344.00	
394	1	5.0	OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889	1.0889	5.00	
370	1	5.0	CESAREAN SECTION WITH C. C.	1.1063	1.1063	5.00	
92	1	7.0	INTERSTITIAL LUNG DISEASE AGE >69 AND/OR C. C.	1.1115	1.1115	7.00	
144	4	11.5	OTHER CIRCULATORY DIAGNOSES WITH C. C.	1.1160	4.464	46.00	
144	2	8.0	OTHER CIRCULATORY DIAGNOSES WITH C. C.	1.1160	2.232	16.00	
85	4	12.0	PLEURAL EFFUSION AGE >69 AND/OR C. C.	1.1196	4.4784	48.00	
23	1	2.0	NONTRAUMATIC STUPOR & COMA	1.1239	1.1239	2.00	
82	1	3.0	RESPIRATORY NEOPLASMS	1.1258	1.1258	3.00	
82	19	7.7	RESPIRATORY NEOPLASMS	1.1258	21.3902	146.00	
10	1	6.0	NERVOUS SYSTEM NEOPLASMS AGE >69 AND/OR C. C.	1.1322	1.1322	6.00	
10	1	1.0	NERVOUS SYSTEM NEOPLASMS AGE >69 AND/OR C. C.	1.1322	1.1322	1.00	
269	1	5.0	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR C. C.	1.1334	1.1334	5.00	
460	1	7.0	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592	1.1592	7.00	
89	15	8.1	SIMPLE PNEUMONIA & PLEURISY AGE >69 AND/OR C. C.	1.1657	17.4855	122.00	
89	4	12.3	SIMPLE PNEUMONIA & PLEURISY AGE >69 AND/OR C. C.	1.1657	4.6628	49.00	
202	3	14.0	CIRRHOSIS & ALCOHOLIC HEPATITIS	1.1665	3.4995	42.00	
202	2	1.5	CIRRHOSIS & ALCOHOLIC HEPATITIS	1.1665	2.333	3.00	
124	1	5.0	CIRCULATORY DISORDERS EXC AMI, WITH CARD CATH & COMPLEX DIAG	1.2551	1.2551	5.00	
14	12	10.7	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1.3143	15.7716	128.00	
21	2	9.0	VIRAL MENINGITIS	1.3143	2.6286	18.00	
14	5	17.8	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1.3143	6.5715	89.00	
21	1	3.0	VIRAL MENINGITIS	1.3143	1.3143	3.00	
423	11	12.4	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES	1.3205	14.5255	136.00	
316	6	6.0	RENAL FAILURE	1.3210	7.926	36.00	
122	5	11.0	CIRCULATORY DISORDERS WITH AMI W/O C.V. COMP. DISCH. ALIVE	1.3267	6.6335	55.00	
122	28	7.9	CIRCULATORY DISORDERS WITH AMI W/O C.V. COMP. DISCH. ALIVE	1.3267	37.1476	221.00	
122	6	9.5	CIRCULATORY DISORDERS WITH AMI W/O C.V. COMP. DISCH. ALIVE	1.3267	7.9602	57.00	
403	1	4.0	LYMPHOMA & NON-ACUTE LEUKEMIA WITH CC	1.3493	1.3493	4.00	
403	1	12.0	LYMPHOMA & NON-ACUTE LEUKEMIA WITH CC	1.3493	1.3493	12.00	
123	1	3.0	CIRCULATORY DISORDERS WITH AMI, EXPIRED	1.3522	1.3522	3.00	
123	2	6.5	CIRCULATORY DISORDERS WITH AMI, EXPIRED	1.3522	2.7044	13.00	
123	1	2.0	CIRCULATORY DISORDERS WITH AMI, EXPIRED	1.3522	1.3522	2.00	
461	1	40.0	O.R. PROC WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES	1.3548	1.3548	40.00	

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
233	1	46.0	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE >69 &/OR CC	1.3892	1.3892	46.00
20	1	14.0	NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	1.4087	1.4087	14.00
80	1	9.0	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 18-69 W/O C. C.	1.4387	1.4387	9.00
80	1	16.0	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 18-69 W/O C. C.	1.4387	1.4387	16.00
78	4	11.5	PULMONARY EMBOLISM	1.4798	5.9192	46.00
27	2	2.0	TRAUMATIC STUPOR & COMA, COMA>1 HR	1.5645	3.129	4.00
416	5	5.8	SEPTICEMIA AGE >17	1.6182	8.091	29.00
416	1	3.0	SEPTICEMIA AGE >17	1.6182	1.6182	3.00
77	1	24.0	OTHER RESPIRATORY SYSTEM O.R. PROCEDURES W/O C. C.	1.6734	1.6734	24.00
129	5	5.6	CARDIAC ARREST, UNEXPLAINED	1.7199	8.5995	28.00
129	2	4.5	CARDIAC ARREST, UNEXPLAINED	1.7199	3.4398	9.00
121	2	7.5	CIRCULATORY DISORDERS WITH AMI & C.V. COMP. DISCH. ALIVE	1.7687	3.5374	15.00
121	7	12.0	CIRCULATORY DISORDERS WITH AMI & C.V. COMP. DISCH. ALIVE	1.7687	12.3809	84.00
121	2	5.0	CIRCULATORY DISORDERS WITH AMI & C.V. COMP. DISCH. ALIVE	1.7687	3.5374	10.00
155	1	17.0	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 18-69 W/O C. C.	1.7902	1.7902	17.00
87	2	13.0	PULMONARY EDEMA & RESPIRATORY FAILURE	1.8076	3.6152	26.00
87	1	7.0	PULMONARY EDEMA & RESPIRATORY FAILURE	1.8076	1.8076	7.00
79	6	8.0	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >69 AND/OR C. C.	1.9344	11.6064	48.00
440	1	9.0	WOUND DEBRIDEMENTS FOR INJURIES	2.0421	2.0421	9.00
120	1	7.0	OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	2.2577	2.2577	7.00
292	1	9.0	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC AGE >69 &/ OR C. C.	2.3129	2.3129	9.00
473	2	1.0	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE AGE > 17	2.3275	4.655	2.00
287	2	7.5	SKIN GRAFTS & WOUND DEBRIDE FOR ENDOC, NUTRIT & METAB DISORDERS	2.3776	4.7552	15.00
468	9	12.4	UNRELATED OR PROCEDURE	2.4516	22.0644	112.00
468	2	8.0	UNRELATED OR PROCEDURE	2.4516	4.9032	16.00
76	1	4.0	OTHER RESPIRATORY SYSTEM O.R. PROCEDURES WITH C. C.	2.5663	2.5663	4.00
76	1	20.0	OTHER RESPIRATORY SYSTEM O.R. PROCEDURES WITH C. C.	2.5663	2.5663	20.00
200	1	2.0	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	2.6281	2.6281	2.00
200	2	2.0	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	2.6281	5.2562	4.00
154	2	15.0	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >69 AND/OR C. C.	2.6876	5.3752	30.00
126	2	10.5	ACUTE & SUBACUTE ENDOCARDITIS	2.9836	5.9672	21.00
116	1	2.0	PERM CARDIAC PACEMAKER IMPLANT W/O AMI, HEART FAILURE OR SHOCK	2.9868	2.9868	2.00
146	1	22.0	RECTAL RESECTION AGE >69 AND/OR C. C.	3.0751	3.0751	22.00
415	1	11.0	O.R. PROCEDURE FOR INFECTIONS & PARASITIC DISEASES	3.3287	3.3287	11.00
115	1	1.0	PERM CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK	4.1727	4.1727	1.00
115	2	2.5	PERM CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK	4.1727	8.3454	5.00
109	1	4.0	CARDIOTHORACIC PROCEDURES W/O PUMP	4.3579	4.3579	4.00

TOTAL PATIENTS 382.0000
 WGT PROD SUM= 515.8882
 WGT ALOS SUM= 3213.9991
 CASE MIX INDEX= 1.3505
 WGT ALOS= 8.4136

FY86DRG DATA (GENERAL SURGERY SERVICE)

GENERAL SURGERY-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
33	1	1.0	CONCUSSION AGE 0-17	0.2457	0.2457	1.00
58	1	1.0	T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AG 0-17	0.3097	0.3097	1.00
282	1	1.0	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424	0.3424	1.00
282	3	1.0	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424	1.0272	3.00

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
30	11			1.4 TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	0.3539	3.8929		15.00
30	6			1.7 TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	0.3539	2.1234		10.00
381	1			2.0 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725	0.3725		2.00
364	1			4.0 D&C, CONIZATION EXCEPT FOR MALIGNANCY	0.3921	0.3921		4.00
32	2			2.0 CONCUSSION AGE 18-69 W/O C. C.	0.4064	0.8128		4.00
324	2			8.5 URINARY STONES AGE <70 W/O C. C.	0.4096	0.8192		17.00
262	9			3.2 BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY	0.4252	3.8268		29.00
314	1			5.0 URETHRAL PROCEDURES, AGE 0-17	0.4323	0.4323		5.00
340	2			2.0 TESTES PROCEDURES, NON-MALIGNANT AGE 0-17	0.4335	0.867		4.00
281	18			2.9 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467	8.0406		53.00
279	1			2.0 CELLULITIS AGE 0-17	0.4739	0.4739		2.00
446	1			4.0 MULTIPLE TRAUMA AGE 0-17	0.4796	0.4796		4.00
254	2			4.5 FX, SPKNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 WOCC	0.4929	0.9858		9.00
69	1			5.0 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040	0.504		5.00
69	2			2.5 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040	1.008		5.00
184	8			1.1 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	4.0832		9.00
184	3			1.7 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	1.5312		5.00
183	56			2.7 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	28.5824		151.00
250	1			1.0 FX, SPKNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE >69 &/OR CC	0.5158	0.5158		1.00
284	3			2.3 MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170	1.551		7.00
72	2			3.0 NASAL TRAUMA & DEFORMITY	0.5216	1.0432		6.00
189	16			3.6 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260	8.416		58.00
162	61			5.9 INGUINAL & FEMORAL HERNIA PROCEDURES AGE 18-69 W/O C. C.	0.5261	32.0921		359.00
352	1			1.0 OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354	0.5354		1.00
31	1			2.0 CONCUSSION AGE >69 AND/OR C. C.	0.5381	0.5381		2.00
280	1			2.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414	0.5414		2.00
280	4			3.0 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414	2.1656		12.00
450	1			3.0 POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422	0.5422		3.00
369	5			4.6 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496	2.748		23.00
451	1			0.0 POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497	0.5497		0.00
158	36			4.7 ANAL AND STOMAL PROCEDURES AGE <70 W/O C. C.	0.5511	19.8396		170.00
25	1			2.0 SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520	0.552		2.00
178	2			2.0 UNCOMPLICATED PEPTIC ULCER <70 W/O C. C.	0.5554	1.1108		4.00
268	1			1.0 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES	0.5657	0.5657		1.00
421	6			2.5 VIRAL ILLNESS AGE >17	0.5672	3.4032		15.00
276	7			4.0 NON-MALIGNANT BREAST DISORDERS	0.5677	3.9739		28.00
339	1			3.0 TESTES PROCEDURES, NON-MALIGNANT AGE >17	0.5766	0.5766		3.00
208	3			5.3 DISORDERS OF THE BILIARY TRACT AGE <70 W/O C. C.	0.5793	1.7379		16.00
181	3			2.7 G.I. OBSTRUCTION AGE <70 W/O C. C.	0.5827	1.7481		8.00
84	1			4.0 MAJOR CHEST TRAUMA AGE <70 W/O C. C.	0.5920	0.592		4.00
455	1			1.0 OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE <70 W/O CC	0.6002	0.6002		1.00
445	5			3.2 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014	3.007		16.00
182	1			9.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032	0.6032		9.00
73	1			7.0 OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045	0.6045		7.00
291	1			5.0 THYROID GLAND PROCEDURES	0.6072	0.6072		5.00
261	8			7.8 BREAST PROC FOR NON-MALIG EXCEPT BIOPSY & LOC EXC	0.6104	4.8832		62.00
53	1			3.0 SINUS & MASTOID PROCEDURES AGE >17	0.6175	0.6175		3.00
348	1			22.0 BENIGN PROSTATIC HYPERTROPHY AGE >69 AND/OR C. C.	0.6257	0.6257		22.00
350	1			3.0 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270	0.627		3.00
350	2			3.0 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270	1.254		6.00
360	1			4.0 VAGINA, CERVIC & VULVA PROCEDURES	0.6338	0.6338		4.00
360	1			24.0 VAGINA, CERVIC & VULVA PROCEDURES	0.6338	0.6338		24.00
267	11			6.4 PERIANAL & PILONICAL PROCEDURES	0.6360	6.996		70.00
134	3			3.3 HYPERTENSION	0.6363	1.9089		10.00
283	1			10.0 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365	0.6365		10.00
29	49			2.1 TRAUMATIC STUPOR & COMA <1 HR AGE 18-69 W/O C. C.	0.6462	31.6638		102.00

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT	PROD	WGT	PROD	ALOS
325	1			9.0 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE>69 AND/OR C. C.	0.6503		0.6503		9.00	
161	17			7.7 INGUINAL & FEMORAL HERNIA PROCEDURES AGE >69 AND/OR C. C.	0.6536		11.1112		131.00	
169	1			14.0 MOUTH PROCEDURES AGE <70 W/O C.C.	0.6580		0.658		14.00	

TOTAL PATIENTS 398.0000
 WGT PROD SUM= 214.8128
 WGT ALOS SUM= 1571.9921
 CASE MIX INDEX= 0.5397
 WGT ALOS= 3.9497

GENERAL SURGERY-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT	PROD	WGT	PROD	ALOS
260	1		2.0 SUBTOTAL MASTECTOMY FOR MALIGNANCY AGE <70	0.6659		0.6659		2.00	
321	1		6.0 KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750		0.675		6.00	
243	4		3.5 MEDICAL BACK PROBLEMS	0.6840		2.736		14.00	
256	4		5.0 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991		2.7964		20.00	
133	1		3.0 ATHEROSCLEROSIS AGE <70 W/O C. C.	0.7049		0.7049		3.00	
175	1		3.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067		0.7067		3.00	
444	1		8.0 MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072		0.7072		8.00	
434	1		2.0 ALC/DRUG ABUSE,INTOX INDUCD MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096		0.7096		2.00	
188	6		5.3 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.7171		4.3026		32.00	
467	2		1.5 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212		1.4424		3.00	
467	1		1.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212		0.7212		1.00	
399	1		7.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O C. C.	0.7247		0.7247		7.00	
399	1		3.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O C. C.	0.7247		0.7247		3.00	
157	5		5.8 ANAL AND STOMAL PROCEDURES AGE >69 AND/OR C. C.	0.7302		3.651		29.00	
266	5		8.4 SKIN-GRAFT AND/OR DEBRID EXC SKIN ULCER OR CELLULITIS W/O C.C.	0.7313		3.6565		42.00	
35	1		0.0 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383		0.7383		0.00	
160	19		4.4 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE 18-69 W/O C. C.	0.7457		14.1683		83.00	
453	2		2.5 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468		1.4936		5.00	
278	11		6.7 CELLULITIS AGE 18-69 W/O C. C.	0.7582		8.3402		74.00	
180	6		6.0 G.I. OBSTRUCTION AGE >69 AND/OR C. C.	0.7583		4.5498		36.00	
368	3		3.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610		2.283		9.00	
270	21		4.8 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622		16.0062		101.00	
337	1		7.0 TRANSURETHRAL PROSTATECTOMY AGE <70 W/O C. C.	0.7788		0.7788		7.00	
130	4		2.3 PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251		3.3004		9.00	
420	1		4.0 FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O C. C.	0.8316		0.8316		4.00	
156	1		6.0 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	0.8382		0.8382		6.00	
83	1		24.0 MAJOR CHEST TRAUMA AGE >69 AND/OR C.C.	0.8397		0.8397		24.00	
96	1		2.0 BRONCHITIS & ASTHMA AGE >69 AND/OR C. C.	0.8446		0.8446		2.00	
101	1		18.0 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460		0.846		18.00	
290	10		5.9 THYROID PROCEDURES	0.8561		8.561		59.00	
366	1		15.0 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 AND/OR C. C.	0.8624		0.8624		15.00	
95	5		5.6 PNEUMOTHORAX AGE <70 W/O C. C.	0.8796		4.398		28.00	
90	1		5.0 SIMPLE PNEUMONIA & PLEURISY AGE 18-69 W/O C. C.	0.8842		0.8842		5.00	
277	2		3.0 CELLULITIS AGE >69 AND/OR C. C.	0.8861		1.7722		6.00	
167	1		11.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872		0.8872		11.00	
167	40		4.6 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872		35.488		183.00	
174	1		3.0 G.I. HEMORRHAGE AGE >69 AND/OR C. C.	0.9073		0.9073		3.00	
119	6		6.7 VEIN LIGATION & STRIPPING	0.9164		5.4984		40.00	
190	8		1.9 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	0.9178		7.3424		15.00	
190	1		1.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	0.9178		0.9178		1.00	
419	1		9.0 FEVER OF UNKNOWN ORIGIN AGE >69 AND/OR C. C.	0.9305		0.9305		9.00	
28	22		2.4 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >69 AND/OR C. C.	0.9422		20.7284		53.00	

DRG	FREQ	SBE ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
359	1		5.0 UTERUS & ADENEXA PROC FOR NON-MALIGNANCY, AGE <70 W/O CC	0.9462	0.9462	5.00
163	6		2.7 HERNIA PROCEDURES AGE 0-17	0.9647	5.7882	16.00
163	23		2.4 HERNIA PROCEDURES AGE 0-17	0.9647	22.1881	56.00
258	5		7.4 TOTAL MASTECTOMY FOR MALIGNANCY AGE <70 W/O C. C.	0.9696	4.848	37.00
398	2		2.5 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752	1.9504	5.00
409	1		2.0 RADIOTHERAPY	0.9855	0.9855	2.00
179	1		9.0 INFLAMMATORY BOWEL DISEASE	0.9875	0.9875	9.00
159	1		10.0 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >69 AND/OR C.C.	0.9997	0.9997	10.00

TOTAL PATIENTS 247.0000
 WGT PROD SUM= 208.6549
 WGT ALOS SUM= 1121.0002
 CASE MIX INDEX= 0.8448
 WGT ALOS= 4.5385

GENERAL SURGERY-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
418	6		6.2 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022	6.0132	37.00
257	3		8.3 TOTAL MASTECTOMY FOR MALIGNANCY AGE >69 AND/OR C. C.	1.0630	3.189	25.00
236	1		9.0 FRACTURES OF HIP & PELVIS	1.0712	1.0712	9.00
205	1		2.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE >69 AND/OR CC	1.0718	1.0718	2.00
173	2		6.5 DIGESTIVE MALIGNANCY AGE >69 AND/OR C. C.	1.0748	2.1496	13.00
394	3		5.7 OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889	3.2667	17.00
153	1		5.0 MINOR SMALL & LARGE BOWEL PROCEDURES AGE <70 W/O C. C.	1.0992	1.0992	5.00
269	2		5.0 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR C. C.	1.1334	2.2668	10.00
198	20		7.3 TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE <70 W/O C. C.	1.1399	22.798	145.00
460	1		8.0 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592	1.1592	8.00
460	13		5.8 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592	15.0696	76.00
89	1		8.0 SIMPLE PNEUMONIA & PLEURISY AGE >69 AND/OR C. C.	1.1657	1.1657	8.00
271	1		23.0 SKIN ULCERS	1.2612	1.2612	23.00
94	3		14.0 PNEUMOTHORAX AGE >69 AND/OR C. C.	1.3044	3.9132	42.00
14	2		0.5 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1.3143	2.6286	1.00
166	2		6.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE >69 AND/OR C. C.	1.3604	2.7208	12.00
265	1		6.0 SKIN-GRAFT AND/OR DEBRID EXC SKIN ULCER OR CELLULITIS WITH C.C.	1.3967	1.3967	6.00
235	1		3.0 FRACTURES OF FEMUR	1.4136	1.4136	3.00
9	1		33.0 SPINAL DISORDERS & INJURIES	1.4235	1.4235	33.00
165	1		5.0 APPENDECTOMY WITH COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	1.4375	1.4375	5.00
165	9		7.9 APPENDECTOMY WITH COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	1.4375	12.9375	71.00
443	1		3.0 OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O C. C.	1.4841	1.4841	3.00
305	1		8.0 KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG <70 W/O C. C.	1.4893	1.4893	8.00
393	1		8.0 SPLENECTOMY AGE 0-17	1.5206	1.5206	8.00
27	17		1.4 TRAUMATIC STUPOR & COMA, COMA>1 HR	1.5645	26.5965	23.00
197	12		13.9 TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE >69 AND/OR C. C.	1.7055	20.466	167.00
155	3		11.3 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 18-69 W/O C. C.	1.7902	5.3706	34.00
442	1		4.0 OTHER O.R. PROCEDURES FOR INJURIES AGE >69 AND/OR C. C.	1.8143	1.8143	4.00
456	1		6.0 BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	1.8155	1.8155	6.00
440	1		7.0 WOUND DEBRIGEMENTS FOR INJURIES	2.0421	2.0421	7.00
164	4		13.8 APPENDECTOMY WITH COMPLICATED PRINC. DIAG AGE>69 AND/OR C. C.	2.0646	8.2584	55.00
149	4		12.3 MAJOR SMALL & LARGE BOWEL PROCEDURES AGE <70 W/O C. C.	2.1069	8.4276	49.00
264	1		5.0 SKIN-GRAFTS &/OR DEBRID ULCER OR CELLULITIS AGE <70 W/O C.C.	2.1798	2.1798	5.00
195	1		9.0 TOTAL CHOLECYSTECTOMY WITH C.D.E. AGE >69 AND/OR C. C.	2.2724	2.2724	9.00
147	3		6.0 RECTAL RESECTION AGE <70 W/O C. C.	2.2735	6.8205	18.00
171	3		4.0 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O C. C.	2.3295	6.9885	12.00
171	1		3.0 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O C. C.	2.3295	2.3295	3.00

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
150	1	31.0	PERITONEAL ADHESIOLYSIS AGE >69 AND/OR C. C.	2.3426	2.3426	31.00
263	1	21.0	SKIN-GRAFTS &/OR DEBRID ULCER OR CELLULITIS AGE >69 AND/OR C.C.	2.4173	2.4173	21.00
468	1	18.0	UNRELATED OR PROCEDURE	2.4516	2.4516	18.00
468	16	6.7	UNRELATED OR PROCEDURE	2.4516	39.2256	107.00
200	1	6.0	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	2.6281	2.6281	6.00
154	1	15.0	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >69 AND/OR C. C.	2.6876	2.6876	15.00
303	1	40.0	KIDNEY, URETER & MAJOR BLADDER PROCEDURE FOR NEOPLASM	2.7606	2.7606	40.00
193	1	9.0	BILIARY TRACT PROC EXC TOT CHOLECYSTECTOMY AGE >69 &/OR C. C.	2.8115	2.8115	9.00
148	16	21.0	MAJOR SMALL & LARGE BOWEL PROCEDURES AGE >69 AND/OR C. C.	2.9401	47.0416	336.00
75	1	11.0	MAJOR CHEST PROCEDURES	2.9776	2.9776	11.00
146	1	24.0	RECTAL RESECTION AGE >69 AND/OR C. C.	3.0751	3.0751	24.00
400	1	24.0	LYMPHOMA & LEUKEMIA WITH MAJOR O.R. PROCEDURE	3.1139	3.1139	24.00
459	2	5.5	NON-EXTENSIVE BURNS WITH WOUND DEBRIDEMENT OR OTHER O.R. PROC	3.2658	6.5316	11.00
458	3	18.0	NON-EXTENSIVE BURNS WITH SKIN GRAFTS	3.9450	11.835	54.00
191	2	32.5	MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	4.4603	8.9206	65.00

TOTAL PATIENTS 179.0000
 WGT PROD SUM= 330.1486
 WGT ALOS SUM= 1734.0005
 CASE MIX INDEX= 1.8444
 WGT ALOS= 9.6872

FY86DRG DATA (UROLOGY SERVICE)

UROLOGY SERVICE-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
330	2	2.0	URETHRAL STRICTURE AGE 0-17	0.2788	0.5576	4.00
343	11	1.0	CIRCUMCISION AGE 0-17	0.3788	4.1668	11.00
324	21	4.0	URINARY STONES AGE <70 W/O C. C.	0.4096	8.6016	83.00
342	10	2.5	CIRCUMCISION AGE >17	0.4265	4.2650	25.00
314	4	1.5	URETHRAL PROCEDURES, AGE 0-17	0.4323	1.7292	6.00
340	18	1.6	TESTES PROCEDURES, NON-MALIGNANT AGE 0-17	0.4335	7.8030	29.00
349	2	4.0	BENIGN PROSTATIC HYPERTROPHY AGE <70 W/O C. C.	0.4853	0.9706	8.00
183	1	3.0	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	0.5104	3.00
326	1	1.0	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O C. C.	0.5156	0.5156	1.00
70	1	1.0	OTITIS MEDIA & URI AGE 0-17	0.5251	0.5251	1.00
352	5	6.0	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	0.5354	2.6770	30.00
369	2	1.5	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496	1.0992	3.00
327	2	2.0	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 0-17	0.5511	1.1022	4.00
311	5	7.0	TRANSURETHRAL PROCEDURES AGE <70 W/O C. C.	0.5564	2.7820	35.00
339	45	4.1	TESTES PROCEDURES, NON-MALIGNANT AGE >17	0.5766	25.9470	184.00
313	6	6.7	URETHRAL PROCEDURES, AGE 18-69 W/O C. C.	0.5804	3.4824	40.00
323	4	3.5	URINARY STONES AGE >69 AND/OR C. C.	0.5862	2.3448	14.00
328	1	1.0	URETHRAL STRICTURE AGE >69 ND/OR C. C.	0.5939	0.5939	1.00
182	1	7.0	ESOPHAGITIS, GASTROENT, & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032	0.6032	7.00
350	10	5.4	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	0.6270	6.2700	54.00
360	1	9.0	VAGINA, CERVIC & VULVA PROCEDURES	0.6338	0.6338	9.00
347	1	1.0	MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE <70 W/O C. C.	0.6441	0.6441	1.00
325	5	3.6	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE>69 AND/OR C. C.	0.6503	3.2515	18.00

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
WGT PROD=	81.0760							
ALOS PROD=	571.0009							
CMI =	0.5099							
WGT ALOS=	3.5912							
#PATIENTS=	159.0000							

UROLOGY SERVICE-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
332	2	5.5	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O C. C.	0.6725	1.345	11.00	
321	2	5.0	KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750	1.35	10.00	
322	5	3.8	KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996	3.498	19.00	
188	1	2.0	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.7171	0.7171	2.00	
310	4	6.5	TRANSURETHRAL PROCEDURES AGE >69 AND/OR C. C.	0.7265	2.906	26.00	
312	1	6.0	URETHRAL PROCEDURES, AGE >69 AND/OR C. C.	0.7307	0.7307	6.00	
368	1	9.0	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610	0.761	9.00	
337	14	7.4	TRANSURETHRAL PROSTATECTOMY AGE <70 W/O C. C.	0.7788	10.9032	104.00	
333	1	1.0	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17	0.7912	0.7912	1.00	
345	1	5.0	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT FOR MALIG	0.8173	0.8173	5.00	
420	1	9.0	FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O C. C.	0.8316	0.8316	9.00	
331	4	4.0	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >69 AND/OR C. C.	0.8329	3.3316	16.00	
356	8	8.9	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.8470	6.776	71.00	
320	2	4.5	KIDNEY & URINARY TRACT INFECTIONS AGE >69 AND/OR C. C.	0.8626	1.7252	9.00	
309	4	4.3	MINOR BLADDER PROCEDURES AGE <70 W/O C. C.	0.8644	3.4576	17.00	
338	5	6.0	TESTES PROCEDURES, FOR MALIGNANCY	0.8907	4.4535	30.00	
318	1	1.0	KIDNEY & URINARY TRACT NEOPLASMS AGE >69 AND/OR C. C.	0.9216	0.9216	1.00	
307	2	5.5	PROSTATECTOMY AGE <70 W/O C. C.	0.9585	1.917	11.00	
336	21	8.6	TRANSURETHRAL PROSTATECTOMY AGE >69 AND/OR C. C.	0.9869	20.7249	181.00	
341	14	5.2	PENIS PROCEDURES	0.9970	13.958	73.00	

WGT PROD=	81.9165
ALOS PROD=	610.9996
CMI =	0.8715
WGT ALOS=	6.5000
# PATIENT =	94.0000

UROLOGY SERVICE-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
418	1	1.0	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022	1.0022	1.00	
82	1	35.0	RESPIRATORY NEOPLASMS	1.1258	1.1258	35.00	
308	6	5.2	MINOR BLADDER PROCEDURES AGE >69 AND/OR C. C.	1.1487	6.8922	31.00	
306	4	8.3	PROSTATECTOMY AGE >69 AND/OR C. C.	1.2593	5.0372	33.20	
335	2	11.5	MAJOR MALE PELVIC PROCEDURES W/O C. C.	1.4643	2.9286	23.00	
305	7	11.9	KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG <70 W/O C. C.	1.4893	10.4251	83.00	
334	5	15.8	MAJOR MALE PELVIC PROCEDURES WITH C. C.	1.8035	9.0175	79.00	
365	1	7.0	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	1.9085	1.9085	7.00	
304	7	17.7	KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG AGE >69 &/OR C. C.	2.0322	14.2254	124.00	
424	2	7.0	O.R. PROCEDURES WITH PRINCIPAL DIAGNOSIS OF MENTAL ILLNESS	2.2113	4.4226	14.00	
468	1	5.0	UNRELATED OR PROCEDURE	2.4516	2.4516	5.00	
303	4	16.3	KIDNEY, URETER & MAJOR BLADDER PROCEDURE FOR NEOPLASM	2.7606	11.0424	65.00	
315	1	9.0	OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	2.7736	2.7736	9.00	

WGT PROD=	73.2527
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DRG	FREQ SBH ALOS	VERBAL DESCRIPTION	RBL WGT WGT PROD WGT PROD ALOS
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ALOS PROD= 509.2000
CMI = 1.7441
WGT ALOS= 12.1238
OF PATIENT = 42.0000

PY86DRG DATA (GYN SERVICE)

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GYN SERVICE-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	RBL WGT	WGT PROD	WGT PROD ALOS
379	5	3.2	THREATENED ABORTION	0.2409	1.2045	16.00
362	7	2.0	ENDOSCOPIC TUBAL INTERRUPTION	0.3510	2.457	14.00
373	2	1.5	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538	0.7076	3.00
381	56	2.7	ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725	20.86	153.00
381	4	3.0	ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725	1.49	12.00
380	10	2.8	ABORTION W/O D&C	0.3792	3.792	28.00
380	2	1.5	ABORTION W/O D&C	0.3792	0.7584	3.00
364	24	2.1	D&C, CONIZATION EXCEPT FOR MALIGNANCY	0.3921	9.4104	50.00
364	1	6.0	D&C, CONIZATION EXCEPT FOR MALIGNANCY	0.3921	0.3921	6.00
383	15	3.4	OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452	6.678	51.00
281	1	4.0	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467	0.4467	4.00
376	7	3.6	POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	0.4539	3.1773	25.00
384	6	6.8	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586	2.7516	41.00
384	1	2.0	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586	0.4586	2.00
183	6	1.7	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	3.0624	10.00
142	1	1.0	SYNCOPE & COLLAPSE AGE <70 W/O C. C.	0.5335	0.5335	1.00
369	50	2.2	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496	27.48	112.00
369	5	3.0	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496	2.748	15.00
421	1	3.0	VIRAL ILLNESS AGE >17	0.5672	0.5672	3.00
374	1	3.0	VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	0.5754	0.5754	3.00
182	2	3.5	ESOPHAGITIS, GASTROENT. & MISC. DIGEST. DIS AGE >69 &/OR C. C.	0.6032	1.2064	7.00
425	1	2.0	ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090	0.609	2.00
363	2	1.5	D & C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	0.6156	1.2312	3.00
360	10	3.4	VAGINA, CERVIC & VULVA PROCEDURES	0.6338	6.338	34.00
360	1	2.0	VAGINA, CERVIC & VULVA PROCEDURES	0.6338	0.6338	2.00
361	53	2.9	LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	0.6594	34.9482	156.00

WGT PROD= 134.5173
ALOS PROD= 755.9968
CMI = 0.4909
WGT ALOS= 2.7591
OF PATIENTS = 274.0000

GYN SERVICE-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	RBL WGT	WGT PROD	WGT PROD ALOS
321	2	3.5	KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O C. C.	0.6750	1.35	7.00
467	2	3.5	OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	1.4424	7.00
378	1	15.0	ECTOPIC PREGNANCY	0.7357	0.7357	15.00
378	14	4.7	ECTOPIC PREGNANCY	0.7357	10.2998	66.00
453	2	2.0	COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468	1.4936	4.00

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
180	1		8.0 G.I. OBSTRUCTION AGE >69 AND/OR C. C.	0.7583	0.7583	8.00
368	31		5.4 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610	23.591	167.00
368	3		4.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610	2.283	12.00
270	1		2.0 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622	0.7622	2.00
371	1		14.0 CESAREAN SECTION W/O C. C.	0.7669	0.7669	14.00
371	1		5.0 CESAREAN SECTION W/O C. C.	0.7669	0.7669	5.00
377	5		1.6 POSTPARTUM AND POSTABORTION DIAGNOSES WITH O.R. PROCEDURE	0.7698	3.849	8.00
206	1		2.0 DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE <70 W/O C. C.	0.7735	0.7735	2.00
356	2		5.5 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.8470	1.694	11.00
366	1		3.0 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 AND/OR C. C.	0.8624	0.8624	3.00
167	2		8.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872	1.7744	16.00
359	59		6.3 UTERUS & ADENEXA PROC FOR NON-MALIGNANCY, AGE <70 W/O CC	0.9462	55.8258	373.00
359	1		7.0 UTERUS & ADENEXA PROC FOR NON-MALIGNANCY, AGE <70 W/O CC	0.9462	0.9462	7.00

WGT PROD= 109.9751
ALOS PROD= 726.9983
CMI = 0.8460
WGT ALOS= 5.5923
OF PATIENTS = 130.0000

GYM SERVICE-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
418	1		6.0 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022	1.0022	6.00
355	3		6.7 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIGN AGE<70 WO CC	1.0359	3.1077	20.00
394	1		12.0 OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889	1.0889	12.00
358	19		7.2 UTERUS & ADENEXA PROC FOR NON-MALIGNANCY, AGE >69 OR CC	1.1152	21.1888	137.00
461	1		5.0 O.R. PROC WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES	1.3548	1.3548	5.00
365	4		6.3 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	1.9085	7.634	25.00
171	1		4.0 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O C. C.	2.3295	2.3295	4.00
468	15		4.6 UNRELATED OR PROCEDURE	2.4516	36.774	69.00

WGT PROD= 74.4799
ALOS PROD= 277.9996
CMI = 1.6551
WGT ALOS= 6.1778
OF PATIENTS = 45.0000

FY86DRG DATA (OB SERVICE)

OB SERVICE-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
382	33		1.8 FALSE LABOR	0.1136	3.7488	60.00
382	8		1.3 FALSE LABOR	0.1136	0.9088	10.00
379	100		2.9 THREATENED ABORTION	0.2409	24.09	288.00
379	15		5.3 THREATENED ABORTION	0.2409	3.6135	80.00
373	693		3.3 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538	245.1834	2262.02
373	166		3.2 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.3538	58.7308	523.00
381	6		2.3 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725	2.235	14.00
381	61		3.1 ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725	22.7225	188.00
380	12		2.3 ABORTION W/O D&C	0.3792	4.5504	28.00

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
251	1		1.0 FX, SPKNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	0.4003	0.4003	1.00
383	34		2.8 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452	15.1368	96.00
383	222		2.7 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS	0.4452	98.8344	590.01
376	1		1.0 POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	0.4539	0.4539	1.00
376	2		3.0 POSTPARTUM AND POSTABORTION DIAGNOSES W/O O.R. PROCEDURE	0.4539	0.9078	6.00
384	122		1.7 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586	55.9492	204.00
384	16		1.6 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4586	7.3376	25.00
69	1		4.0 OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040	0.504	4.00
183	1		2.0 ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	0.5104	2.00
189	1		2.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260	0.526	2.00
189	1		1.0 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260	0.526	1.00
369	7		2.9 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496	3.8472	20.00
421	1		2.0 VIRAL ILLNESS AGE >17	0.5672	0.5672	2.00
374	23		4.5 VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	0.5754	13.2342	103.00
374	11		3.5 VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	0.5754	6.3294	38.00
372	9		3.2 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	0.5942	5.3478	29.00
372	62		4.1 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	0.5942	36.8404	255.00
445	2		1.0 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014	1.2028	2.00
361	2		4.0 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	0.6594	1.3188	8.00

WGT PROD= 615.5574
 ALOS PROD= 4842.0267
 CMI = 0.3816
 WGT ALOS= 3.0019
 # OF PATIENTS =1613.0000

OB SERVICE-MEDIUM INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
131	1		2.0 PERIPHERAL VASCULAR DISORDERS AGE <70 W/O C. C.	0.6705	0.6705	2.00
375	1		5.0 VAGINAL DELIVERY WITH O.R. PROC EXCEPT STERIL AND/OR D+C	0.6817	0.6817	5.00
243	1		2.0 MEDICAL BACK PROBLEMS	0.6840	0.684	2.00
467	15		1.1 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	10.818	16.00
467	74		1.4 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	53.3688	102.00
378	6		4.5 ECTOPIC PREGNANCY	0.7357	4.4142	27.00
241	1		2.0 CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463	0.7463	2.00
368	1		4.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610	0.761	4.00
371	208		5.4 CESAREAN SECTION W/O C. C.	0.7669	159.5152	1113.01
371	33		5.4 CESAREAN SECTION W/O C. C.	0.7669	25.3077	177.00
131	1		5.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872	0.8872	5.00

WGT PROD= 257.8546
 ALOS PROD= 1455.0089
 CMI = 0.7540
 WGT ALOS= 4.2544
 # PATIENTS = 342.0000

OB SERVICE-HIGH INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
375	22		5.4 CESAREAN SECTION WITH C. C.	1.1063	24.3386	119.00
243	132		7.6 CESAREAN SECTION WITH C. C.	1.1063	146.0316	997.00
467	1		3.0 UNRELATED OR PROCEDURE	2.4516	2.4516	3.00
467	4		4.3 UNRELATED OR PROCEDURE	2.4516	9.8064	17.00

DRG	FREQ SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
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WGT PROD= 182.6282
 ALOS PROD= 1135.9962
 CMI = 1.1486
 WGT ALOS= 7.1446
 # PATIENTS = 159.0000

FY86DRG DATA (PEDIATRIC SERVICE)

PEDIATRIC SERVICE-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
391	9	2.4	NORMAL NEWBORNS	0.2218	1.9962	22.00
391	1	2.0	NORMAL NEWBORNS	0.2218	0.2218	2.00
396	2	4.5	RED BLOOD CELL DISORDERS AGE 0-17	0.2952	0.5904	9.00
396	7	3.0	RED BLOOD CELL DISORDERS AGE 0-17	0.2952	2.0664	21.00
62	3	1.0	MYRINGOTOMY WITH TUBE INSERTION AGE 0-17	0.3089	0.9267	3.00
58	1	4.0	T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AG 0-17	0.3097	0.3097	4.00
282	1	1.0	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424	0.3424	1.00
282	8	1.6	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	0.3424	2.7392	13.00
74	4	2.0	OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	0.3427	1.3708	8.00
74	2	8.5	OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	0.3427	0.6854	17.00
390	1	2.0	NEONATES WITH OTHER SIGNIFICANT PROBLEMS	0.3486	0.3486	2.00
390	6	3.0	NEONATES WITH OTHER SIGNIFICANT PROBLEMS	0.3486	2.0916	18.00
252	1	3.0	FX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 0-17	0.3496	0.3496	3.00
30	1	1.0	TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	0.3539	0.3539	1.00
30	13	1.6	TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	0.3539	4.6007	21.00
41	1	1.0	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17	0.3657	0.3657	1.00
381	1	9.0	ABORTION WITH D&C ASPIRATION CURETTAGE, OR HYSTEROTOMY	0.3725	0.3725	9.00
48	2	3.5	OTHER DISORDERS OF THE EYE AGE 0-17	0.4018	0.8036	7.00
186	8	3.1	DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE 0-17	0.4112	3.2896	25.00
186	1	1.0	DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE 0-17	0.4112	0.4112	1.00
340	1	4.0	TESTES PROCEDURES, NON-MALIGNANT AGE 0-17	0.4335	0.4335	4.00
55	2	3.0	MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	0.4342	0.8684	6.00
255	2	2.5	FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	0.4638	0.9276	5.00
255	1	1.0	FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	0.4638	0.4638	1.00
279	10	4.0	CELLULITIS AGE 0-17	0.4739	4.7390	40.00
279	2	2.5	CELLULITIS AGE 0-17	0.4739	0.9478	5.00
446	6	2.0	MULTIPLE TRAUMA AGE 0-17	0.4796	2.8776	12.00
184	98	2.2	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	50.0192	215.00
184	20	2.0	ESOPHAGITIS, GASTROENT. & MISC. DIGEST, DIS AGE 18-69 W/O C. C.	0.5104	10.2080	40.00
284	7	2.1	MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170	3.6190	15.00
284	2	1.5	MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170	1.0340	3.00
70	136	2.4	OTITIS MEDIA & URI AGE 0-17	0.5251	71.4136	329.00
70	13	2.5	OTITIS MEDIA & URI AGE 0-17	0.5251	6.8263	33.00
142	2	1.0	SYNCOPE & COLLAPSE AGE <70 W/O C. C.	0.5335	1.0670	2.00
389	2	4.0	FULL TERM NEONATE WITH MAJOR PROBLEMS	0.5425	1.0850	8.00
389	14	3.1	FULL TERM NEONATE WITH MAJOR PROBLEMS	0.5425	7.5950	43.00
369	1	1.0	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	0.5496	0.5496	1.00
451	7	1.3	POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497	3.8479	9.00
451	32	1.2	POISONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	0.5497	17.5904	37.00
276	1	4.0	NON-MALIGNANT BREAST DISORDERS	0.5677	0.5677	4.00
247	1	8.0	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793	0.5793	8.00
181	1	2.0	G.I. OBSTRUCTION AGE <70 W/O C. C.	0.5827	0.5827	2.00

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
248	3			3.7 TENDONITIS, MYOSITIS & BURSITIS	0.5892	1.7676	11.00	
455	6			1.7 OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE <70 W/O CC	0.6002	3.6012	10.00	
425	1			1.0 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090	0.6090	1.00	
100	8			3.6 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253	5.0024	29.00	
100	1			5.0 RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O C. C.	0.6253	0.6253	5.00	
26	15			1.9 SEIZURE & HEADACHE AGE 0-17	0.6255	9.3825	28.00	
26	2			1.0 SEIZURE & HEADACHE AGE 0-17	0.6255	1.2510	2.00	
137	5			3.4 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 0-17	0.6315	3.1575	17.00	
283	2			2.0 MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365	1.2730	4.00	
44	5			2.4 ACUTE MAJOR EYE INFECTIONS	0.6395	3.1975	12.00	
44	2			2.0 ACUTE MAJOR EYE INFECTIONS	0.6395	1.2790	4.00	
139	1			2.0 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O C. C.	0.6514	0.6514	2.00	
71	7			2.1 LARYNGOTRACHEITIS	0.6582	4.6074	15.00	
71	12			2.5 LARYNGOTRACHEITIS	0.6582	7.8984	30.00	
422	54			2.4 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583	35.5482	129.00	
422	14			2.8 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	0.6583	9.2162	39.00	

WGT PROD= 301.1460
ALOS PROD= 1348.0027
CMI = 0.5265
WGT ALOS= 2.3566
OF PATIENTS = 572.0000

PEDIATRIC SERVICE-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
17	1		3.0 NONSPECIFIC CEREBROVASCULAR DISORDERS W/O C. C.	0.6802	0.6802	3.00	
385	3		4.3 NEONATES, DIED OR TRANSFERRED	0.6811	2.0433	13.00	
243	1		1.0 MEDICAL BACK PROBLEMS	0.6840	0.6840	1.00	
102	25		2.2 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841	17.1025	55.00	
102	4		3.3 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841	2.7364	13.00	
301	1		1.0 ENDOCRINE DISORDERS AGE <70 W/O C. C.	0.6882	0.6882	1.00	
464	1		1.0 SIGNS & SYMPTOMS W/O C. C.	0.6952	0.6952	1.00	
322	24		4.8 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996	16.7904	115.00	
322	4		2.8 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	0.6996	2.7984	11.00	
427	2		3.0 NEUROSES EXCEPT DEPRESSIVE	0.7018	1.4036	6.00	
175	1		4.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067	0.7067	4.00	
175	1		1.0 G.I. HEMORRHAGE AGE <70 W/O C. C.	0.7067	0.7067	1.00	
434	1		1.0 ALC/DRUG ABUSE, INTOX INDUCED MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096	0.7096	1.00	
98	13		2.8 BRONCHITIS & ASTHMA AGE 0-17	0.7201	9.3613	36.00	
98	61		3.1 BRONCHITIS & ASTHMA AGE 0-17	0.7201	43.9261	192.00	
298	14		5.9 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 0-17	0.7203	10.0842	82.00	
298	3		4.0 NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 0-17	0.7203	2.1609	12.00	
467	26		2.9 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	18.7512	75.00	
467	2		3.0 OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	1.4424	6.00	
157	1		7.0 ANAL AND STOMAL PROCEDURES AGE >69 AND/OR C. C.	0.7302	0.7302	7.00	
35	2		0.5 OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O C. C.	0.7383	1.4766	1.00	
453	1		1.0 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468	0.7468	1.00	
368	1		1.0 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	0.7610	0.7610	1.00	
295	3		3.3 DIABETES AGE 0-35	0.7886	2.3658	10.00	
333	1		1.0 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17	0.7912	0.7912	1.00	
91	5		3.4 SIMPLE PNEUMONIA & PLEURISY AGE 0-17	0.7914	3.9570	17.00	
91	46		2.6 SIMPLE PNEUMONIA & PLEURISY AGE 0-17	0.7914	36.4044	120.00	
273	1		1.0 MAJOR SKIN DISORDERS AGE <70 W/O C. C.	0.7971	0.7971	1.00	
99	6		4.0 RESPIRATORY SIGNS & SYMPTOMS AGE >69 AND/OR C. C.	0.8072	4.8432	24.00	

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
452	1			1.0 COMPLICATIONS OF TREATMENT AGE >69 AND/OR C. C.	0.8079	0.8079	1.00	
156	1			5.0 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	0.8382	0.8382	5.00	
429	2			8.0 ORGANIC DISTURBANCES & MENTAL RETARDATION	0.8419	1.6838	16.00	
101	9			3.4 OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 AND/OR C. C.	0.8460	7.6140	31.00	
93	2			2.0 INTERSTITIAL LUNG DISEASE AGE <70 W/O C. C.	0.8641	1.7282	4.00	
81	1			4.0 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17	0.8652	0.8652	4.00	
240	1			7.0 CONNECTIVE TISSUE DISORDERS AGE >69 AND/OR C. C.	0.9047	0.9047	7.00	
190	4			2.5 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	0.9178	3.6712	10.00	
300	1			1.0 ENDOCRINE DISORDERS AGE >69 AND/OR C. C.	0.9348	0.9348	1.00	
67	1			0.0 EPIGLOTTITIS	0.9363	0.9363	0.00	
234	1			5.0 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517	0.9517	5.00	
398	3			0.3 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752	2.9256	1.00	
398	1			5.0 RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 AND/OR C. C.	0.9752	0.9752	5.00	
397	1			3.0 COAGULATION DISORDERS	0.9969	0.9969	3.00	
397	1			3.0 COAGULATION DISORDERS	0.9969	0.9969	3.00	

WGT PROD= 213.1752
 ALOS PROD= 906.9964
 CMI = 0.7480
 WGT ALOS= 3.1824
 # OF PATIENTS = 285.0000

PEDIATRIC SERVICE-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
12	2		2.0 DEGENERATIVE NERVOUS SYSTEM DISORDERS	1.0001	2.0002	4.00	
127	1		1.0 HEART FAILURE & SHOCK	1.0098	1.0098	1.00	
405	1		4.0 ACUTE LEUKEMIA WITHOUT MAJOR O.R. PROCEDURED AGE 0-17	1.0407	1.0407	4.00	
417	16		2.6 SEPTICEMIA AGE 0-17	1.1530	18.4480	42.00	
388	1		1.0 PREMATUREITY W/O MAJOR PROBLEMS	1.1571	1.1571	1.00	
460	3		1.7 NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592	3.4776	5.00	
21	2		3.5 VIRAL MENINGITIS	1.3143	2.6286	7.00	
21	5		5.0 VIRAL MENINGITIS	1.3143	6.5715	25.00	
423	2		6.5 OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES	1.3205	2.6410	13.00	
7	1		1.0 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE >69 &/OR C. C	1.3866	1.3866	1.00	
20	5		8.8 NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	1.4087	7.0435	44.00	
235	1		8.0 FRACTURES OF FEMUR	1.4136	1.4136	8.00	
129	1		1.0 CARDIAC ARREST, UNEXPLAINED	1.7199	1.7199	1.00	
87	1		5.0 PULMONARY EDEMA & RESPIRATORY FAILURE	1.8076	1.8076	5.00	
387	4		10.5 PREMATUREITY WITH MAJOR PROBLEMS	1.8267	7.3068	42.00	
468	3		6.3 UNRELATED OR PROCEDURE	2.4516	7.3548	19.00	
415	1		2.0 O.R. PROCEDURE FOR INFECTIONS & PARASITIC DISEASES	3.3287	3.3287	2.00	
386	2		7.5 EXTREME IMMATUREITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	3.6480	7.2960	15.00	

WGT PROD= 77.6320
 ALOS PROD= 239.0000
 CMI = 1.4929
 WGT ALOS= 4.5962
 # OF PATIENTS = 52.0000

DRG	FREQ SBH ALOS	VERBAL DESCRIPTION	REL WGT WGT PROD WGT PROD ALOS
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FY86DRG DATA (NEONATAL SERVICE)

NEONATAL SERVICE-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
391	890	3.2	NORMAL NEWBORNS	0.2218	197.4020	2889.03
390	168	3.8	NEONATES WITH OTHER SIGNIFICANT PROBLEMS	0.3486	58.5648	634.00
389	238	4.3	FULL TERM NEONATE WITH MAJOR PROBLEMS	0.5425	129.1150	1022.00

WGT PROD= 385.0818
 ALOS PROD= 4545.0232
 CMI = 0.2971
 WGT ALOS= 3.5070
 # OF PATIENTS =1296.0000

NEONATAL SERVICE-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
385	28	0.8	NEONATES, DIED OR TRANSFERRED	0.6811	19.0708	23.00

WGT PROD= 19.0708
 ALOS PROD= 22.9992
 CMI = 0.6811
 WGT ALOS= 0.8214
 # OF PATIENTS = 28.0000

NEONATAL SERVICE-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
388	27	4.0	PREMATURITY W/O MAJOR PROBLEMS	1.1571	31.2417	107.00
387	9	3.6	PREMATURITY WITH MAJOR PROBLEMS	1.8267	16.4403	32.00
386	10	2.6	EXTREME IMMATUREITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	3.6480	36.48	26.00

WGT PROD= 84.1620
 ALOS PROD= 165.0014
 CMI = 1.8296
 WGT ALOS= 3.5870
 # OF PATIENTS = 46.0000

FY86DRG DATA (ORTHOPAEDIC SERVICE)

ORTHOPAEDIC SERVICE-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
252	3	1.3	PX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 0-17	0.3496	1.0488	4.00
251	11	2.8	PX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	0.4003	4.4033	31.00
6	14	2.5	CARPAL TUNNEL RELEASE	0.4073	5.7022	35.00
466	1	2.0	AFTERCARE W/O HISTORY OF MALIGNANCY AS SECONDARY DX	0.4152	0.4152	2.00
281	6	3.7	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467	2.6802	22.00
255	5	1.8	PX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	0.4638	2.319	9.00

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
254	31			2.4 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 WOCC	0.4929	15.2799	75.00	
229	72			2.6 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC, W/O CC	0.4995	35.964	189.00	
284	2			1.5 MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170	1.034	3.00	
280	3			2.7 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414	1.6242	8.00	
25	2			56.0 SEIZURE & HEADACHE AGE 18-69 W/O C. C.	0.5520	1.104	112.00	
247	6			1.8 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793	3.4758	11.00	
248	9			1.7 TENDONITIS, MYOSITIS & BURSITIS	0.5892	5.3028	15.00	
445	8			6.6 MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014	4.8112	53.00	
237	1			6.0 SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH	0.6049	0.6049	6.00	
253	2			21.5 FX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE>69 +/-OR CC	0.6321	1.2642	43.00	
245	8			3.6 BONE DISEASES & SEPTIC ARTHROPATHY AGE <70 W/O C. C.	0.6400	5.1200	29.00	
29	3			5.0 TRAUMATIC STUPOR & COMA <1 HR AGE 18-69 W/O C. C.	0.6462	1.9386	15.00	
19	2			7.5 CRANIAL & PERIPHERAL NERVE DISORDERS AGE <70 W/O C. C.	0.6549	1.3098	15.00	
225	7			7.4 FOOT PROCEDURES	0.6552	4.5864	52.00	
227	29			4.6 SOFT TISSUE PROCEDURES AGE <70 W/O C. C.	0.6573	19.0617	132.00	

WGT PROD= 119.0502
 ALOS PROD= 861.0014
 CMI = 0.5291
 WGT ALOS= 3.8267
 # OF PATIENTS = 225.0000

ORTHOPAEDIC SERVICE-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
232	80		3.4 ARTHROSCOPY	0.6723	53.7840	269.00	
243	59		11.3 MEDICAL BACK PROBLEMS	0.6840	40.3560	669.00	
224	29		3.4 SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC, W/O CC	0.6894	19.9926	100.00	
256	12		3.5 OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991	8.3892	42.00	
444	1		3.0 MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072	0.7072	3.00	
222	72		2.8 KNEE PROCEDURES AGE <70 W/O C. C.	0.7262	52.2864	199.00	
441	5		5.8 HAND PROCEDURES FOR INJURIES	0.7303	3.6515	29.00	
266	2		5.5 SKIN-GRAFT AND/OR DEBRID EXC SKIN ULCER OR CELLULITIS W/O C.C.	0.7313	1.4626	11.00	
231	65		2.8 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381	47.9765	184.00	
294	1		7.0 DIABETES AGE =>36	0.7454	0.7454	7.00	
241	1		1.0 CONNECTIVE TISSUE DISORDERS AGE <70 W/O C. C.	0.7463	0.7463	1.00	
8	3		5.3 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE <70 W/O C. C.	0.7464	2.2392	16.00	
453	1		2.0 COMPLICATIONS OF TREATMENT AGE <70 W/O C. C.	0.7468	0.7468	2.00	
18	1		2.0 CRANIAL & PERIPHERAL NERVE DISORDERS AGE >69 AND/OR C. C.	0.7566	0.7566	2.00	
278	2		3.5 CELLULITIS AGE 18-69 W/O C. C.	0.7582	1.5164	7.00	
270	13		4.2 OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622	9.9086	54.00	
371	1		21.0 CESAREAN SECTION W/O C. C.	0.7669	0.7669	21.00	
249	2		3.0 AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.7875	1.5750	6.00	
295	1		1.0 DIABETES AGE 0-35	0.7886	0.7886	1.00	
454	1		1.0 OTHER INJURIES, POISONINGS & TOXIC EFF DIAG AGE >69 AND/OR CC	0.8099	0.8099	1.00	
228	1		3.0 MAJOR THUMB OR JOINT PROC, OR OTH HAND OR WRIST PROC WITH CC	0.8180	0.8180	3.00	
428	1		6.0 DISORDERS OF PERSONALITY & IMPULSE CONTROL	0.8513	0.8513	6.00	
226	1		3.0 SOFT TISSUE PROCEDURES AGE >69 AND/OR C. C.	0.8783	0.8783	3.00	
167	1		3.0 APPENDECTOMY W/O COMPLICATED PRINC. DIAG AGE <70 W/O C. C.	0.8872	0.8872	3.00	
220	1		10.0 LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 0-17	0.9242	0.9242	10.00	
28	2		11.0 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >69 AND/OR C. C.	0.9422	1.8844	22.00	
234	48		5.9 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517	45.6816	284.00	
204	1		6.0 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	0.9698	0.9698	6.00	

WGT PROD= 302.1005

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL	WGT	WGT	PROD	WGT	PROD	ALOS
ALOS PROD= 1961.0054											
CMI = 0.7404											
WGT ALOS= 4.8064											
# OF PATIENTS = 408.0000											

ORTHOPAEDIC SERVICE-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL	WGT	WGT	PROD	WGT	PROD	ALOS
418	2	7.0	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	1.0022	2.0044	14.00				
221	1	1.0	KNEE PROCEDURES AGE >69 AND/OR C. C.	1.0141	1.0141	1.00				
230	4	3.0	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF HIP & FEMUR	1.0156	4.0624	12.00				
219	18	15.8	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 18-69 W/O CC	1.0436	18.7848	284.00				
236	3	3.3	FRACTURES OF HIP & PELVIS	1.0712	3.2136	10.00				
269	1	10.0	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR C. C.	1.1334	1.1334	10.00				
460	1	4.0	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	1.1592	1.1592	4.00				
223	11	4.0	MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTREMITY PROC WITH CC	1.2263	13.4893	44.00				
461	5	3.4	O.R. PROC WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES	1.3548	6.7740	17.00				
218	3	12.0	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE >69 &/OR CC	1.3797	4.1391	36.00				
233	3	13.7	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE >69 &/OR CC	1.3892	4.1676	41.00				
235	6	42.0	FRACTURES OF FEMUR	1.4136	8.4816	252.00				
9	1	18.0	SPINAL DISORDERS & INJURIES	1.4235	1.4235	18.00				
443	5	5.4	OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O C. C.	1.4841	7.4205	27.00				
216	2	1.5	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	1.5565	3.1130	3.00				
27	1	1.0	TRAUMATIC STUPOR & COMA, COMA>1 HR	1.5645	1.5645	1.00				
238	1	11.0	OSTEOMYELITIS	1.6471	1.6471	11.00				
439	1	27.0	SKIN GRAFTS FOR INJURIES	1.6505	1.6505	27.00				
211	5	24.6	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 18-69 W/O C. C.	1.7866	8.9330	123.00				
210	3	19.3	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >69 AND/OR C. C.	2.0317	6.0951	58.00				
304	1	12.0	KIDNEY, URETER & MAJ BLDR PROC FOR NON-MALIG AGE >69 &/OR C. C.	2.0322	2.0322	12.00				
440	1	21.0	WOUND DEBRIGEMENTS FOR INJURIES	2.0421	2.0421	21.00				
112	1	2.0	VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION W/O PUMP	2.2055	2.2055	2.00				
217	5	11.2	WND DEBRID & SKN GFT EXC HAND, FOR MUSCULOSKELETAL & CONN. TIS	2.3097	11.5485	56.00				
209	2	21.0	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES	2.3925	4.7850	42.00				
468	9	4.3	UNRELATED OR PROCEDURE	2.4516	22.0644	39.00				
251	1	1.0	PX, SPRNS, STRNS & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	0.4003	0.4003	1.00				
254	3	4.3	PX, SPRNS, STRNS & DISL OF UPARM, LOWLEG EX FOOT AGE 18-69 WOCC	0.4929	1.4787	13.00				
268	1	2.0	SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES	0.5657	0.5657	2.00				
247	2	5.0	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	0.5793	1.1586	10.00				
245	1	1.0	BONE DISEASES & SEPTIC ARTHROPATHY AGE <70 W/O C. C.	0.6400	0.6400	1.00				
19	3	4.0	CRANIAL & PERIPHERAL NERVE DISORDERS AGE <70 W/O C. C.	0.6549	1.9647	12.00				
225	29	3.4	FOOT PROCEDURES	0.6552	19.0008	100.00				
227	9	3.1	SOFT TISSUE PROCEDURES AGE <70 W/O C. C.	0.6573	5.9157	28.00				
224	1	9.0	SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC, W/O CC	0.6894	0.6894	9.00				
256	1	1.0	OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991	0.6991	1.00				
231	4	2.8	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	0.7381	2.9524	11.00				
8	7	3.6	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE <70 W/O C. C.	0.7464	5.2248	25.00				
270	5	2.4	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622	3.8110	12.00				
337	1	7.0	TRANSURETHRAL PROSTATECTOMY AGE <70 W/O C. C.	0.7788	0.7788	7.00				
130	1	2.0	PERIPHERAL VASCULAR DISORDERS AGE >69 AND/OR C. C.	0.8251	0.8251	2.00				
220	1	2.0	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 0-17	0.9242	0.9242	2.00				
234	11	3.8	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517	10.4687	42.00				
219	6	6.8	LOWER EXTREM & HUMER PROC EXC HIP, FOOT, FEMUR AGE 18-69 W/O CC	1.0436	6.2616	41.00				
216	2	2.5	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	1.5565	3.1130	5.00				
468	3	2.3	UNRELATED OR PROCEDURE	2.4516	7.3548	7.00				

DRG	FREQ SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
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WGT PROD= 219.1758
 ALOS PROD= 1496.0002
 CMI = 1.1658
 WGT ALOS= 7.9574
 # OF PATIENTS 188.0000

FY86 DRG DATA (PSYCH SERVICE)

PSYCHIATRIC SERVICES-LOW INTENSITY

DRG	FREQ	SBH ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
433	2	1.5	ALCOHOL/DRUG USE AND INDUCED ORGANIC MENTAL DISORDERS, LEFT AMA	0.3906	0.7812	3.00
281	3	1.3	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O C. C.	0.4467	1.3401	4.00
189	1	7.0	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260	0.5260	7.00
280	3	1.0	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR C. C.	0.5414	1.6242	3.00
450	17	7.6	POISONING AND TOXIC EFFECTS OF DRUGS AGE 18-69 W/O C. C.	0.5422	9.2174	129.00
425	1	20.0	ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	0.6090	0.6090	20.00

WGT PROD= 14.0979
 ALOS PROD= 165.9993
 CMI = 0.5221
 WGT ALOS= 6.1481
 # OF PATIENTS 27.0000

PSYCHIATRIC SERVICES-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD ALOS
243	1	1.0	MEDICAL BACK PROBLEMS	0.6840	0.6840	1.00
449	3	2.7	POISONING AND TOXIC EFFECTS OF DRUGS AGE >69 AND/OR C. C.	0.6951	2.0853	8.00
432	1	28.0	OTHER DIAGNOSES OF MENTAL DISORDERS	0.6968	0.6968	28.00
256	2	17.0	OTHER DIAGNOSES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	0.6991	1.3982	34.00
427	29	6.7	NEUROSES EXCEPT DEPRESSIVE	0.7018	20.3522	194.00
444	1	8.0	MULTIPLE TRAUMA AGE >69 AND/OR C. C.	0.7072	0.7072	8.00
434	40	7.3	ALC/DRUG ABUSE, INTOX INDUCED MNTL SYN EXC DEPEND &/OR OTH SYMPT	0.7096	28.3840	292.00
467	2	2.5	OTHER FACTORS INFLUENCING HEALTH STATUS	0.7212	1.4424	5.00
24	1	11.0	SEIZURE & HEADACHE AGE >69 AND/OR C. C.	0.7642	0.7642	11.00
206	1	10.0	DISORDERS OF LIVER EXC MALIG, CIRRH, ALC HEPA AGE <70 W/O C. C.	0.7735	0.7735	10.00
435	5	5.4	ALCOHOL/DRUG DEPENDENCE, DETOX AND/OR OTHER SYMPTOMATIC TREATMT	0.7978	3.9890	27.00
426	51	6.7	DEPRESSIVE NEUROSES	0.8332	42.4932	340.00
431	1	4.0	CHILDHOOD MENTAL DISORDERS	0.8493	0.8493	4.00
428	28	9.5	DISORDERS OF PERSONALITY & IMPULSE CONTROL	0.8513	23.8364	265.00

WGT PROD= 128.4557
 ALOS PROD= 1227.0035
 CMI = 0.7738
 WGT ALOS= 7.3916
 # OF PATIENTS = 166.0000

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
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PSYCHIATRIC SERVICES-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
436	2	2.5	ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY	1.0166	2.0332	5.00	
430	36	69.1	PSYCHOSES	1.0760	38.7360	2487.00	

WGT PROD= 40.7692
 ALOS PROD= 2491.9988
 CMI = 1.0729
 WGT ALOS= 65.5789
 # OF PATIENTS = 38.0000

FY86DRG DATA (BENT SERVICE)

BENT SERVICE-LOW INTENSITY

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
60	25	2.8	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY AGE 0-17	0.2616	1.0383	8.00		
62	44	1.3	MYRINGOTOMY WITH TUBE INSERTION AGE 0-17	0.3089	13.5916	56.00		
58	7	2.4	T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AG 0-17	0.3097	2.1679	17.00		
74	4	2.0	OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	0.3427	1.3708	8.00		
43	3	2.7	HYPHEMA	0.3461	1.0383	8.00		
41	19	1.6	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17	0.3657	6.9483	30.00		
38	1	2.0	PRIMARY IRIS PROCEDURES	0.3963	0.3963	2.00		
48	3	1.0	OTHER DISORDERS OF THE EYE AGE 0-17	0.4018	1.2054	3.00		
59	14	3.2	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY AGE >17	0.4130	5.7820	45.00		
40	10	3.0	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE >17	0.4133	4.1330	30.00		
47	9	1.2	OTHER DISORDERS OF THE EYE AGE >17 W/O C.C	0.4187	3.7683	11.00		
55	12	2.6	MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	0.4342	5.2104	31.00		
56	20	2.9	RHINOPLASTY	0.4357	8.7140	58.00		
69	7	2.9	OTITIS MEDIA & URI AGE 18-69 W/O C. C.	0.5040	3.5280	20.00		
284	2	1.5	MINOR SKIN DISORDERS AGE <70 W/O C. C.	0.5170	1.0340	3.00		
70	3	2.0	OTITIS MEDIA & URI AGE 0-17	0.5251	1.5753	6.00		
189	5	1.0	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O C. C.	0.5260	2.6300	5.00		
45	1	4.0	NEUROLOGICAL EYE DISORDERS	0.5407	0.5407	4.00		
421	2	4.5	VIRAL ILLNESS AGE >17	0.5672	1.1344	9.00		
39	99	2.2	LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	0.5719	56.6181	220.00		
51	1	7.0	SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	0.5878	0.5878	7.00		
46	1	2.0	OTHER DISORDERS OF THE EYE AGE >17 WITH C.C	0.6009	0.6009	2.00		
445	2	2.0	MULTIPLE TRAUMA AGE 18-69 W/O C. C.	0.6014	1.2028	4.00		
73	9	7.0	OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	0.6045	5.4405	63.00		
291	1	2.0	THYROID GLAND PROCEDURES	0.6072	0.6072	2.00		
53	5	2.4	SINUS & MASTOID PROCEDURES AGE >17	0.6175	3.0875	12.00		
283	1	2.0	MINOR SKIN DISORDERS AGE >69 AND/OR C. C.	0.6365	0.6365	2.00		
44	3	2.0	ACUTE MAJOR EYE INFECTIONS	0.6395	1.9185	6.00		
245	1	5.0	BONE DISEASES & SEPTIC ARTHROPATHY AGE <70 W/O C. C.	0.6400	0.6400	5.00		
42	2	5.0	INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS + LENS	0.6542	1.3084	10.00		
169	2	5.5	MOUTH PROCEDURES AGE <70 W/O C.C.	0.6580	1.3160	11.00		
169	1	4.0	MOUTH PROCEDURES AGE <70 W/O C.C.	0.6580	0.6580	4.00		

DRG	FREQ	SBH	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS
71	1		4.0	LARYNGOTRACHEITIS	0.6582	0.6582	4.00	
WGT PROD= 141.0874								
ALOS PROD= 705.9997								
CMI = 0.4409								
WGT ALOS= 2.2062								
# OF PATIENTS 320.0000								

BENT SERVICE-MEDIUM INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS	
102	1	3.0	OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 WITHOUT C. C.	0.6841	0.6841	3.00		
50	2	8.5	SIALOADENECTOMY	0.7033	1.4066	17.00		
185	1	11.0	DENTAL & ORAL DIS, EXC EXTRACTIONS & RESTORATIONS, AGE >17	0.7147	0.7147	11.00		
298	1	2.0	NUTRITIONAL & MISC. METABOLIC DISORDERS AGE 0-17	0.7203	0.7203	2.00		
399	1	4.0	RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O C. C.	0.7247	0.7247	4.00		
278	1	3.0	CELLULITIS AGE 18-69 W/O C. C.	0.7582	0.7582	3.00		
270	2	6.0	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O C. C.	0.7622	1.5244	12.00		
57	6	2.7	T & A PROC EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE>17	0.7717	4.6302	16.00		
452	2	1.5	COMPLICATIONS OF TREATMENT AGE >69 AND/OR C. C.	0.8079	1.6158	3.00		
156	1	1.0	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	0.8382	0.8382	1.00		
234	2	2.5	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	0.9517	1.9034	5.00		
64	2	2.5	EAR, NOSE & THROAT MALIGNANCY	0.9769	1.9538	5.00		
WGT PROD= 17.4744								
ALOS PROD= 82.0000								
CMI = 0.7943								
WGT ALOS=								
# OF PATIENTS 22.0000								

BENT SERVICE-HIGH INTENSITY

DRG	FREQ	ALOS	VERBAL DESCRIPTION	REL WGT	WGT PROD	WGT PROD	ALOS	
394	2	3.5	OTHER O.R. PROCEDURES OF THE BLOOD + BLOOD FORMING ORGANS	1.0889	2.1778	7.00		
443	1	3.0	OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O C. C.	1.4841	1.4841	3.00		
468	1	10.0	UNRELATED OR PROCEDURE	2.4516	2.4516	10.00		
49	2	3.5	MAJOR HEAD & NECK PROCEDURES	2.8742	5.7484	7.00		
75	1	30.0	MAJOR CHEST PROCEDURES	2.9776	2.9776	30.00		
WGT PROD= 14.8395								
ALOS PROD= 57.0000								
CMI = 2.1199								
WGT ALOS= 8.1429								
# OF PATIENTS = 7.0000								

APPENDIX F
INITIAL GENERATION OF MODEL OUTPUT

3
4 SETS
5
6 I clinical services /INTMED, GENSURG, UROL, GYN, OB, PEDS, NEONATAL,
7 ORTHO, PSYCH, EENT/
8
9 J patient types /LOW, MED, HIGH/
10
11 K wards /MEDSURG, PEDS, NEONATAL, OBSTET, PSYCH/
12
13
14 TABLE C(I,J) patient weights
15
16 LOW MED HIGH
17
18 INTMED .5689 .7770 1.3505
19
20 GENSURG .5397 .8448 1.8444
21
22 UROL .5099 .8715 1.7441
23
24 GYN .4904 .8460 1.6551
25
26 OB .3816 .7540 1.1486
27
28 PEDS .5265 .7480 1.4929
29
30 NEONATAL .2971 .6811 1.8296
31
32 ORTHO .5291 .7404 1.1658
33
34 PSYCH .5221 .7738 1.0729
35
36 EENT .4409 .7943 2.1199
37
38
39
40

41
 42 TABLE B(I,J) bed absorption
 43
 44 LOW MED HIGH
 45
 46 INTMED 3.750 5.000 8.410
 47
 48 GENSURG 3.950 4.540 9.960
 49
 50 UROL 3.590 6.500 12.12
 51
 52 GYN 2.760 5.590 6.180
 53
 54 OB 3.000 4.250 7.140
 55
 56 PEDS 2.360 3.180 4.600
 57

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 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

58 NEONATAL 3.510 0.820 3.590
 59
 60 ORTHO 3.830 4.810 7.960
 61
 62 PSYCH 6.150 7.390 65.580
 63
 64 EENT 2.210 3.730 8.140
 65
 66
 67 TABLE P(I,J) physician hours
 68
 69 LOW MED HIGH
 70
 71 INTMED 4.1666 10.330 15.000
 72
 73 GENSURG 6.1600 13.000 12.660
 74
 75 UROL 4.3333 6.5000 10.6666
 76
 77 GYN 1.5416 3.6166 3.7833
 78
 79 OB 3.1600 4.0833 5.3750
 80
 81 PEDS 2.1666 3.3333 5.3750
 82
 83 NEONATAL 2.3333 3.3333 5.0000
 84
 85 ORTHO 4.6666 5.3500 9.0833
 86
 87 PSYCH 6.5000 14.500 101.6666
 88
 89 EENT 3.0839 3.5000 15.000

```

90
91
92
93
94 TABLE      N(I,J) nursing hours
95
96
97             LOW      MED      HIGH
98
99 INTMED      10.0000      12.0000  27.0000
100
101 GENSURG     5.3333      10.6666  32.3333
102
103 UROL        8.0000      15.8333  38.3333
104
105 GYN         5.0000      6.00     6.0000
106
107 OB          8.111      7.1660  9.1660
108
109 PEDS        6.1110      7.166   6.5000
110
111 NEONATAL    4.1660      19.6800 21.6660
112

```

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

```

113 ORTHO      5.3333      13.4610 20.7080
114
115 PSYCH      19.833      19.6666 138.5000
116
117 EENT        7.5000      12.8000 20.2000
118
119
120 TABLE      MINDEMAND (I,J) minimum demand
121
122
123             LOW      MED      HIGH
124
125 INTMED      200      300      75
126
127 GENSURG     146      125      70
128
129 UROL        135      75      35
130
131 GYN         175      120      30
132
133 OB          920      290      120
134
135 PEDS        372      185      34
136
137 NEONATAL    920      28      30
138

```

139	ORTHO	22	41	19
140				
141	PSYCH	10	10	8
142				
143	EENT	256	20	6
144				
145				
146				
147				
148	TABLE	MAXDEMAND (I,J) maximum demand		
149				
150				
151		LOW	MED	HIGH
152				
153	INTMED	617	795	394
154				
155	GENSURG	423	285	179
156				
157	UROL	159	94	42
158				
159	GYN	298	141	45
160				
161	OB	1767	349	159
162				
163	PEDS	575	292	52
164				
165	NEONATAL	1296	28	43
166				
167	ORTHO	277	415	188

?GAMS 2.04 PC
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

168				
169	PSYCH	83	180	38
170				
171	EENT	334	23	7
172				
173				
174				
175				
176				
177	TABLE	BEDLOC (I,K) bed locations		
178				
179		MEDSURG	PEDS	NEONATAL OBSTET PSYCH
180	INTMED	1		
181				
182	GENSURG	1		
183				
184	UROL	1		
185				
186	GYN	1		

187						
188	OB					1
189						
190	PEDS		1			
191						
192	NEONATAL			1		
193						
194	ORTHO	1				
195						
196	PSYCH					1
197						
198	EENT	1				
199						
200						
201	PARAMETER	BEDLIM (K)	bed limits			
202						
203	/					
204	MEDSURG	27740				
205						
206	PEDS	8395				
207						
208	NEONATAL	12410				
209						
210	OBSTET	13870				
211						
212	PSYCH	14600	/			
213						
214						
215						
216						
217	TABLE	NURSLOC (I,K)	nurse locations			
218						
219		MEDSURG	PEDS	NEONATAL	OBSTET	PSYCH
220	INTMED	1				
221						
222	GENSURG	1				

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

223						
224	UROL	1				
225						
226	GYN	1				
227						
228	OB					1
229						
230	PEDS		1			
231						
232	NEONATAL			1		
233						
234	ORTHO	1				
235						

236 PSYCH 1
 237
 238 EENT 1
 239
 240
 241
 242 PARAMETER NURSLIM (K) nurse limit in hours per year by ward
 243 /
 244 MEDSURG 107016
 245
 246 PEDS 23369
 247
 248 NEONATAL 24528
 249
 250 OBSTET 21752
 251
 252 PSYCH 16640 /
 253
 254
 255
 256
 257 PARAMETER PHYSLIM (I) physician limit in hours per year by clinical
 258 /
 259 INTMED 5882
 260
 261 GENSURG 3873
 262
 263 UROL 2441
 264
 265 GYN 2968
 266
 267 OB 5319
 268
 269 PEDS 2761
 270
 271 NEONATAL 3362
 272
 273 ORTHO 3352
 274
 275 PSYCH 1198
 276

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

277 EENT 1668 /
 278
 279
 280 VARIABLES
 281 X(I,J) type j patients served by clinical service i
 282 OBJ;
 283
 284 POSITIVE VARIABLES X;

```

285
286          X.LO(I,J) = MINDEMAND(I,J) ;
287
288          X.UP(I,J) = MAXDEMAND(I,J) ;
289
290 EQUATIONS
291          BEDS (K)
292          PHYSICIANS (I)
293          NURSES (K)
294          OBJDEF;
295
296 BEDS (K)..
297     SUM ((I,J), BEDLOC (I,K) * B(i,j) * X(I,J)) =L= BEDLIM (K);
298
299 PHYSICIANS (I)..
300     SUM (J, P(I,J) * X(I,J)) =L= PHYSLIM(I) ;
301
302 NURSES (K)..
303     SUM ((I,J), NURSLOC (I,K) * N(i,j) * X(I,J)) =L= NURSLIM (K);
304
305 OBJDEF..
306
307                                     service
258 /
259 INTMED                5882
260
261 GENSURG                3873
262
263 UROL                  2441
264
265 GYN                   2968
266
267 OB                    5319
268
269 PEDS                  2761
270
271 NEONATAL              3362
272
273 ORTHO                 3352
274
275 PSYCH                 1198
276

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?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
 SYMBOL LISTING

SYMBOL	TYPE	REFERENCES					
B	PARAM	DECLARED	42	DEFINED	42	REF	297
BEDLIM	PARAM	DECLARED	201	DEFINED	203	REF	297
BEDLOC	PARAM	DECLARED	177	DEFINED	177	REF	297
BEDS	EQU	DECLARED	291	DEFINED	297	IMPL-ASN	312
		REF	308				
C	PARAM	DECLARED	14	DEFINED	14	REF	306

I	SET	DECLARED	6	DEFINED	6	REF	14
		42	67	94	120	148	177
		217	257	281	286	288	292
		3*297	3*300	3*303	2*306	CONTROL	286
		288	297	299	303	306	
J	SET	DECLARED	9	DEFINED	9	REF	14
		42	67	94	120	148	281
		286	288	2*297	2*300	2*303	2*306
		CONTROL	286	288	297	300	303
		306					
K	SET	DECLARED	11	DEFINED	11	REF	177
		201	217	242	291	293	2*297
		2*303	CONTROL	296	302		
MAXDEMAND	PARAM	DECLARED	148	DEFINED	148	REF	288
MEDICAL	MODEL	DECLARED	308	DEFINED	308	REF	312
MINDEMAND	PARAM	DECLARED	120	DEFINED	120	REF	286
N	PARAM	DECLARED	94	DEFINED	94	REF	303
NURSES	EQU	DECLARED	293	DEFINED	303	IMPL-ASN	312
		REF	308				
NURSLIM	PARAM	DECLARED	242	DEFINED	243	REF	303
NURSLOC	PARAM	DECLARED	217	DEFINED	217	REF	303
OBJ	VAR	DECLARED	282	IMPL-ASN	312	REF	306
		312					
OBJDEF	EQU	DECLARED	294	DEFINED	306	IMPL-ASN	312
		REF	308				
P	PARAM	DECLARED	67	DEFINED	67	REF	300
PHYSICIANS	EQU	DECLARED	292	DEFINED	300	IMPL-ASN	312
		REF	308				
PHYSLIM	PARAM	DECLARED	257	DEFINED	258	REF	300
X	VAR	DECLARED	281	IMPL-ASN	312	ASSIGNED	286
		288	REF	284	297	300	303
		306	2*314				

SETS

I	CLINICAL SERVICES
J	PATIENT TYPES
K	WARDS

PARAMETERS

B	BED ABSORPTION
BEDLIM	BED LIMITS
BEDLOC	BED LOCATIONS
C	PATIENT WEIGHTS

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
 SYMBOL LISTING

PARAMETERS

MAXDEMAND	MAXIMUM DEMAND
MINDEMAND	MINIMUM DEMAND
N	NURSING HOURS
NURSLIM	NURSE LIMIT IN HOURS PER YEAR BY WARD
NURSLOC	NURSE LOCATIONS
P	PHYSICIAN HOURS
PHYSLIM	PHYSICIAN LIMIT IN HOURS PER YEAR BY CLINICAL SERVICE

VARIABLES

OBJ
X TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

EQUATIONS

BEDS
NURSES
OBJDEF
PHYSICIANS

MODELS

MEDICAL

COMPILATION TIME = 0.193 MINUTES

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
EQUATION LISTING SOLVE MEDICAL USING LP FROM LINE 312

---- BEDS =L=

BEDS(PEDS).. 2.36*X(PEDS,LOW) + 3.18*X(PEDS,MED) + 4.6*X(PEDS,HIGH) =L= 8395 ;

BEDS(Neonatal).. 3.51*X(Neonatal,LOW) + 0.82*X(Neonatal,MED)
 + 3.59*X(Neonatal,HIGH) =L= 12410 ;

BEDS(Psych).. 6.15*X(Psych,LOW) + 7.39*X(Psych,MED) + 65.58*X(Psych,HIGH) =L=
 14600 ;

BEDS(MEDSURG).. 3.75*X(INTMED,LOW) + 5*X(INTMED,MED) + 8.41*X(INTMED,HIGH)
 + 3.95*X(GENSURG,LOW) + 4.54*X(GENSURG,MED) + 9.96*X(GENSURG,HIGH)

+ 3.59*X(UROL,LOW) + 6.5*X(UROL,MED) + 12.12*X(UROL,HIGH)
 + 2.76*X(GYN,LOW) + 5.59*X(GYN,MED) + 6.18*X(GYN,HIGH)
 + 3.83*X(ORTHO,LOW) + 4.81*X(ORTHO,MED) + 7.96*X(ORTHO,HIGH)

	+ 2.21*X(EENT,LOW)	+2	DEFINED	243	REF	303	
NURSLOC	PARAM	DECLARED	217	DEFINED	217	REF	303
OBJ	VAR	DECLARED	282	IMPL-ASN	312	REF	306
			312				
OBJDEF	EQU	DECLARED	294	DEFINED	306	IMPL-ASN	312
		REF	308				
P	PARAM	DECLARED	67	DEFINED	67	REF	300
PHYSICIANS	EQU	DECLARED	292	DEFINED	300	IMPL-ASN	312
		REF	308				
PHYSLIM	PARAM	DECLARED	257	DEFINED	258	REF	300
X	VAR	DECLARED	281	IMPL-ASN	312	ASSIGNED	286
			288	REF	297	300	303
			306	2*314			

SETS

I CLINICAL SERVICES
 J PATIENT TYPES
 K WARDS

PARAMETERS

B BED ABSORPTION
 BEDLIM BED LIMITS
 BEDLOC BED LOCATIONS
 C PATIENT WEIGHTS

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
 EQUATION LISTING SOLVE MEDICAL USING LP FROM LINE 312

PHYSICIANS =L=

PHYSICIANS(OB).. 3.16*X(OB,LOW) + 4.0833*X(OB,MED) + 5.375*X(OB,HIGH) =L= 5319

;

PHYSICIANS(PEDS).. 2.1666*X(PEDS,LOW) + 3.3333*X(PEDS,MED)

+ 5.375*X(PEDS,HIGH) =L= 2761 ;

PHYSICIANS(NEONATAL).. 2.3333*X(NEONATAL,LOW) + 3.3333*X(NEONATAL,MED)

+ 5*X(NEONATAL,HIGH) =L= 3362 ;

PHYSICIANS(ORTHO).. 4.6666*X(ORTHO,LOW) + 5.35*X(ORTHO,MED)

+ 9.0833*X(ORTHO,HIGH) =L= 3352 ;

PHYSICIANS(PSYCH).. 6.5*X(PSYCH,LOW) + 14.5*X(PSYCH,MED)

+ 101.6666*X(PSYCH,HIGH) =L= 1198 ;

PHYSICIANS(EENT).. 3.0839*X(EENT,LOW) + 3.5*X(EENT,MED) + 15*X(EENT,HIGH) =L=

. 1668 ;

DEFINED	243	REF	303				
NURSLOC	PARAM	DECLARED	217	DEFINED	217	REF	303
OBJ	VAR	DECLARED	282	IMPL-ASN	312	REF	306
		312					
OBJDEF	EQU	DECLARED	294	DEFINED	306	IMPL-ASN	312
		REF	308				
P	PARAM	DECLARED	67	DEFINED	67	REF	300
PHYSICIANS	EQU	DECLARED	292	DEFINED	300	IMPL-ASN	312
		REF	308				
PHYSLIM	PARAM	DECLARED	257	DEFINED	258	REF	300
X	VAR	DECLARED	281	IMPL-ASN	312	ASSIGNED	286
		288	REF	284	297	300	303
		306	2*314				

SETS

I	CLINICAL SERVICES
J	PATIENT TYPES
K	WARDS

PARAMETERS

B	BED ABSORPTION
BEDLIM	BED LIMITS
BEDLOC	BED LOCATIONS
C	PATIENT WEIGHTS

?GAMS 2.04 PC AT/XT

MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

EQUATION LISTING SOLVE MEDICAL USING LP FROM LINE 312

NURSES =L=

+ 5*X(GYN,MED) + 6*X(GYN,HIGH) + 5.333*X(ORTHO,LOW) + 13.416*X(ORTHO,MED)
+ 20.708*X(ORTHO,HIGH) + 7.5*X(EENT,LOW) + 12.8*X(EENT,MED)
+ 20.2*X(EENT,HIGH) =L= 107016 ;

NURSES(OBSTET).. 8.111*X(OB,LOW) + 7.166*X(OB,MED) + 9.166*X(OB,HIGH) =L= 21752 ;

---- OBJDEF =E=

OBJDEF.. - 0.5689*X(INTMED,LOW) - 0.777*X(INTMED,MED) - 1.3505*X(INTMED,HIGH)
- 0.5397*X(GENSURG,LOW) - 0.8448*X(GENSURG,MED) - 1.8444*X(GENSURG,HIGH)
- 0.5099*X(UROL,LOW) - 0.8715*X(UROL,MED) - 1.7441*X(UROL,HIGH)
- 0.4904*X(GYN,LOW) - 0.846*X(GYN,MED) - 1.6551*X(GYN,HIGH)
- 0.3816*X(OB,LOW) - 0.754*X(OB,MED) - 1.1486*X(OB,HIGH)
- 0.5265*X(PEDS,LOW) - 0.748*X(PEDS,MED) - 1.4929*X(PEDS,HIGH)
- 0.2971*X(NEONATAL,LOW) - 0.6811*X(NEONATAL,MED)
- 1.8296*X(NEONATAL,HIGH) - 0.5291*X(ORTHO,LOW) - 0.7404*X(ORTHO,MED)
- 1.1658*X(ORTHO,HIGH) - 0.5221*X(PSYCH,LOW) - 0.7738*X(PSYCH,MED)
- 1.0729*X(PSYCH,HIGH) - 0.4409*X(EENT,LOW) - 0.7943*X(EENT,MED)
- 2.1199*X(EENT,HIGH) + OBJ =E= 0 ;

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
COLUMN LISTING SOLVE MEDICAL USING LP FROM LINE 312

---- X TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

X(INTMED,LOW)
 (.LO, .L, .UP = 200, 200, 617)
 3.75 BEDS(MEDSURG)
 4.1666 PHYSICIANS(INTMED)
 10 NURSES(MEDSURG)
 -0.5689 OBJDEF

X(INTMED,MED)
 (.LO, .L, .UP = 300, 300, 795)

5 BEDS(MEDSURG)
 10.33 PHYSICIANS(INTMED)
 12 NURSES(MEDSURG)
 -0.777 OBJDEF

X(INTMED,HIGH)

(.LO, .L, .UP = 75, 75, 394)
 8.41 BEDS(MEDSURG)
 15 PHYSICIANS(INTMED)
 27 NURSES(MEDSURG)
 -1.3505 OBJDEF

REMAINING 27 ENTRIES SKIPPED

----- OBJ

OBJ

(.LOILABLE -- 45006 WORDS.

EXIT -- OPTIMAL SOLUTION FOUND.

----- EQU BEDS

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	2524.760	8395.000	.
NEONATAL	-INF	4726.290	12410.000	.
PSYCH	-INF	825.302	14600.000	.
MEDSURG	-INF	13270.951	27740.000	.
OBSTET	-INF	5503.925	13870.000	.

----- EQU PHYSICIANS

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	5882.000	5882.000	0.137
GENSURG	-INF	3873.000	3873.000	0.146
UROL	-INF	1747.992	2441.000	.
GYN	-INF	1139.586	2968.000	.
OB	-INF	5319.000	5319.000	0.121
PEDS	-INF	2498.619	2761.000	.
NEONATAL	-INF	3332.289	3362.000	.
ORTHO	-INF	3352.000	3352.000	0.128
PSYCH	-INF	1198.000	1198.000	0.080
EENT	-INF	1215.523	1668.000	.

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MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 312

	LOWER	LEVEL	UPPER	MARGINAL
---- VAR OBJ	-INF	4079.089	+INF	.

**** REPORT SUMMARY : 0 NONOPT
 0 INFEASIBLE
 0 UNBOUNDED

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
 MODEL STATISTICS SOLVE MEDICAL USING LP FROM LINE 312

MODEL STATISTICS

BLOCKS OF EQUATIONS	4	SINGLE EQUATIONS	21
BLOCKS OF VARIABLES	2	SINGLE VARIABLES	31
NON ZERO ELEMENTS	121		

GENERATION TIME = 0.272 MINUTES

EXECUTION TIME = 0.422 MINUTES

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 312

S O L V E S U M M A R Y

MODEL	MEDICAL	OBJECTIVE	OBJ
TYPE	LP	DIRECTION	MAXIMIZE
SOLVER	BDMLP	FROM LINE	312

**** SOLVER STATUS 1 NORMAL COMPLETION

**** MODEL STATUS 1 OPTIMAL

**** OBJECTIVE VALUE 4079.0886

RESOURCE USAGE, LIMIT	0.150	1000.000
ITERATION COUNT, LIMIT	34	1000

BDM - LP VERSION 1.01

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WORK SPACE NEEDED (ESTIMATE)	--	5011 WORDS.
WORK SPACE AVAILABLE	--	45006 WORDS.

EXIT -- OPTIMAL SOLUTION FOUND.

---- EQU BEDS

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	2524.760	8395.000	.
NEONATAL	-INF	4726.290	12410.000	.
PSYCH	-INF	825.302	14600.000	.
MEDSURG	-INF	13270.951	27740.000	.
OBSTET	-INF	5503.925	13870.000	.

---- EQU PHYSICIANS

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	5882.000	5882.000	0.137
GENSURG	-INF	3873.000	3873.000	0.146
UROL	-INF	1747.992	2441.000	.
GYN	-INF	1139.586	2968.000	.
OB	-INF	5319.000	5319.000	0.121
PEDS	-INF	2498.619	2761.000	.
NEONATAL	-INF	3332.289	3362.000	.
ORTHO	-INF	3352.000	3352.000	0.128
PSYCH	-INF	1198.000	1198.000	0.080
EENT	-INF	1215.523	1668.000	.

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SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 312

	LOWER	LEVEL	UPPER	MARGINAL
---- VAR OBJ	-INF	4079.089	+INF	.

**** REPORT SUMMARY : 0 NONOPT
 0 INFEASIBLE
 0 UNBOUNDED

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MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87

SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 312

---- EQU NURSES

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	4572.000	23360.000	.
NEONATAL	-INF	5782.000	24528.000	.

PSYCH	-INF	2035.880	16640.000	.
MEDSURG	-INF	30533.773	1.0702E+5	.
OBSTET	-INF	7531.219	21752.000	.

	LOWER	LEVEL	UPPER	MARGINAL
---- EQU OBJDEF	.	.	.	1.000

---- VAR X TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

		LOWER	LEVEL	UPPER	MARGINAL
INTMED	.LOW	200.0000	397.9260	617.0000	.
INTMED	.MED	300.0000	397.9264	617.0000	-0.6334
INTMED	.HIGH	75.0000	75.0000	394.0000	-0.6976
GENSURG	.LOW	146.0000	146.0000	423.0000	-0.3577
GENSURG	.MED	125.0000	125.0000	285.0000	-1.0491
GENSURG	.HIGH	70.0000	106.5277	179.0000	.
UROL	.LOW	135.0000	159.0000	159.0000	0.5099
UROL	.MED	75.0000	94.0000	94.0000	0.8715
UROL	.HIGH	35.0000	42.0000	42.0000	1.7441
GYN	.LOW	175.0000	298.0000	298.0000	0.4904
GYN	.MED	120.0000	141.0000	141.0000	0.8460
GYN	.HIGH	30.0000	45.0000	45.0000	1.6551
OB	.LOW	920.0000	961.8049	1767.0000	.
OB	.MED	290.0000	349.0000	349.0000	0.2609
OB	.HIGH	120.0000	159.0000	159.0000	0.4995
PEDS	.LOW	372.0000	575.0000	575.0000	0.5265
PEDS	.MED	185.0000	292.0000	292.0000	0.7480
PEDS	.HIGH	34.0000	52.0000	52.0000	1.4929
NEONATAL	.LOW	920.0000	1296.0000	1296.0000	0.2971
NEONATAL	.MED	28.0000	28.0000	28.0000	0.6811
NEONATAL	.HIGH	30.0000	43.0000	43.0000	1.8296
ORHTO	.LOW	22.0000	22.0000	277.0000	-0.0698
ORTHO	.MED	41.0000	415.0000	415.0000	0.0538
ORHTO	.HIGH	19.0000	113.2942	188.0000	.
PSYCH	.LOW	10.0000	36.8719	83.0000	.
PSYCH	.MED	10.0000	10.0000	180.0000	-0.3909
PSYCH	.HIGH	8.0000	8.0000	38.0000	-7.0933
EENT	.LOW	256.0000	334.0000	334.0000	0.4409
EENT	.MED	20.0000	23.0000	23.0000	0.7943
EENT	.HIGH	6.0000	7.0000	7.0000	2.1199

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 MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 312

	LOWER	LEVEL	UPPER	MARGINAL
---- VAR OBJ	-INF	4079.089	+INF	.

**** REPORT SUMMARY : 0 NONOPT

0 INFEASIBLE
0 UNBOUNDED

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, 15 JUNE 87
E X E C U T I N G

----- 314 VARIABLE X.L TYPE J PATIENTS SERVED BY CLINICAL SERVICE
I

	LOW	MED	HIGH
INTMED	397.926	300.000	75.000
GENSURG	146.000	125.000	106.528
UROL	159.000	94.000	42.000
GYN	298.000	141.000	45.000
OB	961.805	349.000	159.000
PEDS	575.000	292.000	52.000
NEONATAL	1296.000	28.000	43.000
ORTHO	22.000	415.000	113.294
PSYCH	36.872	10.000	8.000
EENT	334.000	23.000	7.000

----- 314 VARIABLE X.M TYPE J PATIENTS SERVED BY CLINICAL SERVICE
I

	LOW	MED	HIGH
INTMED		-0.633	-0.698
GENSURG	-0.358	-1.049	
UROL	0.510	0.871	1.744
GYN	0.490	0.846	1.655
OB		0.261	0.500
PEDS	0.526	0.748	1.493
NEONATAL	0.297	0.681	1.830
ORTHO	-0.070	0.054	
PSYCH		-0.391	-7.093
EENT	0.441	0.794	2.120

**** FILE SUMMARY

INPUT C:_GAMSRER_MEDCASE.GMS
OUTPUT C:_GAMSRER_MEDCASE.LST

EXECUTION TIME = 0.222 MINUTES

APPENDIX G.
MODEL OUTPUT WITH MERGED OBGYN AND PEDS/NEONATAL
PHYSICIAN HOURS

```

21 SETS
22
23 I clinical services /INTMED, GENSURG, UROL, GYN, OB, PEDS, NEONATAL,
24 ORTHO, PSYCH, EENT/
25
26 J patient types /LOW, MED, HIGH/
27
28 K wards /MEDSURG, PEDS, NEONATAL, OBSTET, PSYCH/
29
30
31 * Subsets of clinical specialties for Revision 2.
32
33 I1(I) /OB, GYN/
34
35 I2(I) /PEDS, NEONATAL/
36
37 I3(I) all other ;
38
39 I3(I) = YES - ( I1(I) + I2(I) ) ;
40
41
42 SCALAR INCFAC increase factor for physician hours available ;
43
44 *Start data entry section
45
46 TABLE C(I,J) patient weights
47
48           LOW      MED      HIGH
49
50 INTMED      .5689   .7770   1.3505
51
52 GENSURG      .5397   .8448   1.8444
53
54 UROL         .5099   .8715   1.7441
55
56 GYN          .4904   .8460   1.6551
57
58 OB           .3816   .7540   1.1486
59

```

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 MEDICAL CASE MIX: PONATOSKI, E.

60	PEDS	.5265	.7480	1.4929
61				
62	NEONATAL	.2971	.6811	1.8296
63				
64	ORTHO	.5291	.7404	1.1658
65				
66	PSYCH	.5221	.7738	1.0729
67				
68	EENT	.4409	.7943	2.1199
69				
70				
71				
72				
73				
74	TABLE	B(I,J) bed absorption		
75				
76		LOW	MED	HIGH
77				
78	INTMED	3.750	5.000	8.410
79				
80	GENSURG	3.950	4.540	9.960
81				
82	UROL	3.590	6.500	12.12
83				
84	GYN	2.760	5.590	6.180
85				
86	OB	3.000	4.250	7.140
87				
88	PEDS	2.360	3.180	4.600
89				
90	NEONATAL	3.510	0.820	3.590
91				
92	ORTHO	3.830	4.810	7.960
93				
94	PSYCH	6.150	7.390	65.580
95				
96	EENT	2.210	3.730	8.140
97				

```

98
99  TABLE      P(I,J) physician hours
100
101                LOW      MED      HIGH
102
103  INTMED      4.1666  10.330  15.000
104
105  GENSURG      6.1600  13.000  12.660
106
107  UROL        4.3333  6.5000  10.6666
108
109  GYN          1.5416  3.6166  3.7833
110
111  OB           3.1600  4.0833  5.3750
112
113  PEDS         2.1666  3.3333  5.3750
114

```

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, E.

```

115  NEONATAL    2.3333  3.3333  5.0000
116
117  ORTHO        4.6666  5.3500  9.0833
118
119  PSYCH        6.5000  14.500  101.6666
120
121  EENT         3.0839  3.5000  15.000
122
123
124
125
126  TABLE      N(I,J) nursing hours
127
128
129                LOW      MED      HIGH
130
131  INTMED      10.000  12.00  27.00
132
133  GENSURG      5.333  10.66  32.333
134
135  UROL         8.000  15.833  38.333
136
137  GYN          5.0     6.0     6.0
138
139  OB           8.111  7.166  9.166

```


140				
141	PEDS	6.111	7.166	6.5
142				
143	NEONATAL	4.166	19.68	21.666
144				
145	ORTHO	5.333	13.416	20.708
146				
147	PSYCH	19.833	19.66	138.50
148				
149	EENT	7.500	12.80	20.20
150				
151				
152	TABLE	MINDEMAND (I,J) minimum demand		
153				
154				
155		LOW	MED	HIGH
156				
157	INTMED	200	300	75
158				
159	GENSURG	146	125	70
160				
161	UROL	135	75	35
162				
163	GYN	175	120	30
164				
165	OB	920	290	120
166				
167	PEDS	372	185	34
168				
169	NEONATAL	920	28	30

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.

170				
171	ORTHO	22	41	19
172				
173	PSYCH	10	10	8
174				
175	EENT	256	20	6
176				
177				

```

178
179
180 TABLE      MAXDEMAND (I,J)  maximum demand
181
182
183              LOW      MED      HIGH
184
185 INTMED        617      795      394
186
187 GENSURG       423      285      179
188
189 UROL          159      94       42
190
191 GYN           298      141      45
192
193 OB            1767     349      159
194
195 PEDS          575      292      52
196
197 NEONATAL      1296     28       43
198
199 ORTHO         277      415     188
200
201 PSYCH         83       180      38
202
203 EENT          334      23       7
204
205
206
207
208
209 TABLE  BEDLOC (I,K) bed locations
210
211              MEDSURG      PEDS      NEONATAL      OBSTET PSYCH
212 INTMED          1
213
214 GENSURG          1
215
216 UROL            1
217
218 GYN             1
219
220 OB                                1
221
222 PEDS                        1
223
224 NEONATAL                                1

```

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 MEDICAL CASE MIX: PONATOSKI, E.

225						
226	ORTHO	1				
227						
228	PSYCH				1	
229						
230	EENT	1				
231						
232						
233	PARAMETER	BEDLIM (K)	bed limits			
234						
235	/					
236	MEDSURG	27740				
237						
238	PEDS	8395				
239						
240	NEONATAL	12410				
241						
242	OBSTET	13870				
243						
244	PSYCH	14600	/			
245						
246						
247						
248						
249	TABLE	NURSLOC (I,K)	nurse locations			
250						
251		MEDSURG	PEDS	NEONATAL	OBSTET	PSYCH
252	INTMED	1				
253						
254	GENSURG	1				
255						
256	UROL	1				
257						
258	GYN	1				
259						
260	OB				1	
261						
262	PEDS		1			
263						
264	NEONATAL			1		
265						
266	ORTHO	1				
267						

```

310
311
312 VARIABLES
313     X(I,J)  type j patients served by clinical service i
314     OBJ;
315
316 POSITIVE VARIABLES X;
317
318     X.LO(I,J) = MINDEMAND(I,J) ;
319
320     X.UP(I,J) = MAXDEMAND(I,J) ;
321
322 EQUATIONS
323     BEDS (K)
324     PHYSICIANS (I)
325     OBGYN          merged physician hours for ob and gyn
326     PEDSNEONAT     merged physician hours for peds and neo
327     NURSES (K)
328     OBJDEF;
329
330 BEDS (K)..
331     SUM ((I,J), BEDLOC (I,K) * B(i,j) * X(I,J)) =L= BEDLIM (K);
332
333 PHYSICIANS (I) $ I3(I) ..

```

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.

```

334     SUM (J, P(I,J) * X(I,J)) =L= INCFAC * PHYSLIM(I) ;
335
336 OBGYN..
337     SUM( I$11(I), SUM (J, P(I,J) * X(I,J)) ) =L=
338     SUM( I$11(I), INCFAC * PHYSLIM(I)) ;
339
340 PEDSNEONAT..
341     SUM( I$12(I), SUM (J, P(I,J) * X(I,J)) ) =L=
342     SUM( I$12(I), INCFAC * PHYSLIM(I)) ;
343
344 NURSES (K)..
345     SUM ((I,J), NURSLOC (I,K) * N(i,j) * X(I,J)) =L= NURSLIM (K);
346
347 OBJDEF..
348     OBJ =E= SUM((I,J), C(I,J) * X(I,J));
349
350 MODEL MEDICAL /ALL/;
351

```

268 PSYCH 1
 269
 270 EENT 1
 271
 272
 273
 274 PARAMETER NURSLIM (K) nurse limit in hours per year by ward
 275 /
 276 MEDSURG 107016
 277
 278 PEDS 23360
 279

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 MEDICAL CASE MIX: PONATOSKI, E.

280 NEONATAL 24528
 281
 282 OBSTET 21752
 283
 284 PSYCH 16640 /
 285
 286
 287
 288
 289 PARAMETER PHYSLIM (I) physician limit in hours per year by clinical
 service
 290 /
 291 INTMED 5882
 292
 293 GENSURG 3873
 294
 295 UROL 2441
 296
 297 GYN 2968
 298
 299 OB 5319
 300
 301 PEDS 2761
 302
 303 NEONATAL 3362
 304
 305 ORTHO 3352
 306
 307 PSYCH 1198
 308
 309 EENT 1668 /

```

352 OPTION LIMROW=12 ;
353
354 PARAMETER PATIENTS ;
355
356   INCFAC = 1.0 ;
357   SOLVE MEDICAL USING LP MAXIMIZING OBJ ;
358   PATIENTS = SUM((I,J), X.L(I,J));
359   DISPLAY INCFAC, PATIENTS, X.L, X.M ;
360
361 OPTION LIMROW=0; OPTION LIMCOL=0;
362
363   INCFAC = 1.5 ;
364   SOLVE MEDICAL USING LP MAXIMIZING OBJ ;
365   PATIENTS = SUM((I,J), X.L(I,J));
366   DISPLAY INCFAC, PATIENTS, X.L, X.M ;

```

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, E.
SYMBOL LISTING

SYMBOL	TYPE	REFERENCES
B	PARAM	DECLARED 74 DEFINED 74 REF 331
BEDLIM	PARAM	DECLARED 233 DEFINED 235 REF 331
BEDLOC	PARAM	DECLARED 209 DEFINED 209 REF 331
BEDS	EQU	DECLARED 323 DEFINED 331 IMPL-ASN 357
		364 REF 350
C	PARAM	DECLARED 46 DEFINED 46 REF 348
I	SET	DECLARED 23 DEFINED 23 REF 33
		35 37 2*39 46 74 99
		126 152 180 209 249 289
		313 318 320 324 3*331 333
		3*334 3*337 2*338 3*341 2*342 3*345
		2*348 358 365 CONTROL 39 318
		320 331 333 337 338 341
		342 345 348 358 365
I1	SET	DECLARED 33 DEFINED 33 REF 39
		337 338
I2	SET	DECLARED 35 DEFINED 35 REF 39
		341 342
I3	SET	DECLARED 37 ASSIGNED 39 REF 333
INCFAC	PARAM	DECLARED 42 ASSIGNED 356 363
		REF 334 338 342 359 366
J	SET	DECLARED 26 DEFINED 26 REF 46
		74 99 126 152 180 313
		318 320 2*331 2*334 2*337 2*341
		2*345 2*348 358 365 CONTROL 318

		320	331	334	337	341	345
		348	358	365			
K	SET	DECLARED	28	DEFINED	28	REF	209
		233	249	274	323	327	2*331
		2*345	CONTROL	330	344		
MAXDEMAND	PARAM	DECLARED	180	DEFINED	180	REF	320
MEDICAL	MODEL	DECLARED	350	DEFINED	350	REF	357
		364					
MINDEMAND	PARAM	DECLARED	152	DEFINED	152	REF	318
N	PARAM	DECLARED	126	DEFINED	126	REF	345
NURSES	EQU	DECLARED	327	DEFINED	345	IMPL-ASN	357
		364	REF	350			
NURSLIM	PARAM	DECLARED	274	DEFINED	275	REF	345
NURSLOC	PARAM	DECLARED	249	DEFINED	249	REF	345
OBGYN	EQU	DECLARED	325	DEFINED	337	IMPL-ASN	357
		364	REF	350			
OBJ	VAR	DECLARED	314	IMPL-ASN	357	364	
		REF	348	357	364		
OBJDEF	EQU	DECLARED	328	DEFINED	348	IMPL-ASN	357
		364	REF	350			
P	PARAM	DECLARED	99	DEFINED	99	REF	334
		337	341				
PATIENTS	PARAM	DECLARED	354	ASSIGNED	358	365	
		REF	359	366			
PEDSNEONAT	EQU	DECLARED	326	DEFINED	341	IMPL-ASN	357
		364	REF	350			
PHYSICIANS	EQU	DECLARED	324	DEFINED	334	IMPL-ASN	357
		364	REF	350			

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 SYMBOL LISTING

SYMBOL	TYPE	REFERENCES					
PHYSLIM	PARAM	DECLARED	289	DEFINED	290	REF	334
		338	342				
X	VAR	DECLARED	313	IMPL-ASN	357	364	
		ASSIGNED	318	320	REF	316	331
		334	337	341	345	348	358
		2*359	365	2*366			

SETS

I	CLINICAL SERVICES
I1	
I2	
I3	ALL OTHER
J	PATIENT TYPES
K	WARDS

PARAMETERS

B	BED ABSORPTION
BEDLIM	BED LIMITS
BEDLOC	BED LOCATIONS
C	PATIENT WEIGHTS
INCFAC	INCREASE FACTOR FOR PHYSICIAN HOURS AVAILABLE
MAXDEMAND	MAXIMUM DEMAND
MINDEMAND	MINIMUM DEMAND
N	NURSING HOURS
NURSLIM	NURSE LIMIT IN HOURS PER YEAR BY WARD
NURSLOC	NURSE LOCATIONS
P	PHYSICIAN HOURS
PATIENTS	
PHYSLIM	PHYSICIAN LIMIT IN HOURS PER YEAR BY CLINICAL SERVICE

VARIABLES

OBJ	
X	TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

EQUATIONS

BEDS	
NURSES	
OBGYN	MERGED PHYSICIAN HOURS FOR OB AND GYN
OBJDEF	
PEDSNEONAT	MERGED PHYSICIAN HOURS FOR PEDS AND NEO
PHYSICIANS	

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MEDICAL CASE MIX: PONATOSKI, E.
SYMBOL LISTING

MODELS

MEDICAL

COMPILATION TIME = 0.217 MINUTES

?GAMS 2.04 PC AT/XT

MEDICAL CASE MIX: PONATOSKI, E.

EQUATION LISTING SOLVE MEDICAL USING LP FROM LINE 357

---- BEDS =L=

BEDS(PEDS).. $2.36 * X(\text{PEDS}, \text{LOW}) + 3.18 * X(\text{PEDS}, \text{MED}) + 4.6 * X(\text{PEDS}, \text{HIGH}) = L = 8395$;

BEDS(NEONATAL).. $3.51 * X(\text{NEONATAL}, \text{LOW}) + 0.82 * X(\text{NEONATAL}, \text{MED})$
 $+ 3.59 * X(\text{NEONATAL}, \text{HIGH}) = L = 12410$;

BEDS(PSYCH).. $6.15 * X(\text{PSYCH}, \text{LOW}) + 7.39 * X(\text{PSYCH}, \text{MED}) + 65.58 * X(\text{PSYCH}, \text{HIGH}) = L =$
 14600 ;

BEDS(MEDSURG).. $3.75 * X(\text{INTMED}, \text{LOW}) + 5 * X(\text{INTMED}, \text{MED}) + 8.41 * X(\text{INTMED}, \text{HIGH})$
 $+ 3.95 * X(\text{GENSURG}, \text{LOW}) + 4.54 * X(\text{GENSURG}, \text{MED}) + 9.96 * X(\text{GENSURG}, \text{HIGH})$
 $+ 3.59 * X(\text{UROL}, \text{LOW}) + 6.5 * X(\text{UROL}, \text{MED}) + 12.12 * X(\text{UROL}, \text{HIGH})$
 $+ 2.76 * X(\text{GYN}, \text{LOW}) + 5.59 * X(\text{GYN}, \text{MED}) + 6.18 * X(\text{GYN}, \text{HIGH})$
 $+ 3.83 * X(\text{ORTHO}, \text{LOW}) + 4.81 * X(\text{ORTHO}, \text{MED}) + 7.96 * X(\text{ORTHO}, \text{HIGH})$
 $+ 2.21 * X(\text{EENT}, \text{LOW}) + 3.73 * X(\text{EENT}, \text{MED}) + 8.14 * X(\text{EENT}, \text{HIGH}) = L = 27740$;

BEDS(OBSTET).. $3 * X(\text{OB}, \text{LOW}) + 4.25 * X(\text{OB}, \text{MED}) + 7.14 * X(\text{OB}, \text{HIGH}) = L = 13870$;

---- PHYSICIANS =L=

PHYSICIANS(INTMED).. $4.1666 * X(\text{INTMED}, \text{LOW}) + 10.33 * X(\text{INTMED}, \text{MED})$
 $+ 15 * X(\text{INTMED}, \text{HIGH}) = L = 5882 ;$

PHYSICIANS(GENSURG).. $6.16 * X(\text{GENSURG}, \text{LOW}) + 13 * X(\text{GENSURG}, \text{MED})$
 $+ 12.66 * X(\text{GENSURG}, \text{HIGH}) = L = 3873 ;$

PHYSICIANS(UROL).. $4.3333 * X(\text{UROL}, \text{LOW}) + 6.5 * X(\text{UROL}, \text{MED}) + 10.6666 * X(\text{UROL}, \text{HIGH})$
 $= L = 2441 ;$

PHYSICIANS(ORTHO).. $4.6666 * X(\text{ORTHO}, \text{LOW}) + 5.35 * X(\text{ORTHO}, \text{MED})$
 $+ 9.0833 * X(\text{ORTHO}, \text{HIGH}) = L = 3352 ;$

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, E.
EQUATION LISTING SOLVE MEDICAL USING LP FROM LINE 357

PHYSICIANS =L=

PHYSICIANS(PSYCH).. $6.5 * X(\text{PSYCH}, \text{LOW}) + 14.5 * X(\text{PSYCH}, \text{MED})$
 $+ 101.6666 * X(\text{PSYCH}, \text{HIGH}) = L = 1198 ;$

PHYSICIANS(EENT).. $3.0839 * X(\text{EENT}, \text{LOW}) + 3.5 * X(\text{EENT}, \text{MED}) + 15 * X(\text{EENT}, \text{HIGH}) = L =$
 $1668 ;$

----- OBGYN =L= MERGED PHYSICIAN HOURS FOR OB AND GYN

OBGYN.. $1.5416 * X(\text{GYN}, \text{LOW}) + 3.6166 * X(\text{GYN}, \text{MED}) + 3.7833 * X(\text{GYN}, \text{HIGH})$
 $+ 3.16 * X(\text{OB}, \text{LOW}) + 4.0833 * X(\text{OB}, \text{MED}) + 5.375 * X(\text{OB}, \text{HIGH}) = L = 8287 ;$

----- PEDSNEONAT =L= MERGED PHYSICIAN HOURS FOR PEDS AND NEO

PEDSNEONAT.. $2.1666 * X(\text{PEDS}, \text{LOW}) + 3.3333 * X(\text{PEDS}, \text{MED}) + 5.375 * X(\text{PEDS}, \text{HIGH})$
 $+ 2.3333 * X(\text{NEONATAL}, \text{LOW}) + 3.3333 * X(\text{NEONATAL}, \text{MED}) + 5 * X(\text{NEONATAL}, \text{HIGH})$
 $=L= 6123 ;$

----- NURSES $=L=$

NURSES(PEDS).. $6.111 * X(\text{PEDS}, \text{LOW}) + 7.166 * X(\text{PEDS}, \text{MED}) + 6.5 * X(\text{PEDS}, \text{HIGH}) =L=$
 $23360 ;$

NURSES(NEONATAL).. $4.166 * X(\text{NEONATAL}, \text{LOW}) + 19.68 * X(\text{NEONATAL}, \text{MED})$
 $+ 21.666 * X(\text{NEONATAL}, \text{HIGH}) =L= 24528 ;$

NURSES(PSYCH).. $19.833 * X(\text{PSYCH}, \text{LOW}) + 19.66 * X(\text{PSYCH}, \text{MED}) + 138.5 * X(\text{PSYCH}, \text{HIGH})$
 $=L= 16640 ;$

NURSES(MEDSURG).. $10 * X(\text{INTMED}, \text{LOW}) + 12 * X(\text{INTMED}, \text{MED}) + 27 * X(\text{INTMED}, \text{HIGH})$
 $+ 5.333 * X(\text{GENSURG}, \text{LOW}) + 10.66 * X(\text{GENSURG}, \text{MED}) + 32.333 * X(\text{GENSURG}, \text{HIGH})$
 $+ 8 * X(\text{UROL}, \text{LOW}) + 15.833 * X(\text{UROL}, \text{MED}) + 38.333 * X(\text{UROL}, \text{HIGH}) + 5 * X(\text{GYN}, \text{LOW})$

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 EQUATION LISTING SOLVE MEDICAL USING LP FROM LINE 357

NURSES $=L=$

$+ 6 * X(\text{GYN}, \text{MED}) + 6 * X(\text{GYN}, \text{HIGH}) + 5.333 * X(\text{ORTHO}, \text{LOW}) + 13.416 * X(\text{ORTHO}, \text{MED})$
 $+ 20.708 * X(\text{ORTHO}, \text{HIGH}) + 7.5 * X(\text{EENT}, \text{LOW}) + 12.8 * X(\text{EENT}, \text{MED})$
 $+ 20.2 * X(\text{EENT}, \text{HIGH}) =L= 107016 ;$

NURSES(OBSTET).. $8.111 * X(\text{OB}, \text{LOW}) + 7.166 * X(\text{OB}, \text{MED}) + 9.166 * X(\text{OB}, \text{HIGH}) =L=$

21752 ;

----- OBJDEF =E=

OBJDEF.. - 0.5689*X(INTMED,LOW) - 0.777*X(INTMED,MED) - 1.3505*X(INTMED,HIGH)
- 0.5397*X(GENSURG,LOW) - 0.8448*X(GENSURG,MED) - 1.8444*X(GENSURG,HIGH)
- 0.5099*X(UROL,LOW) - 0.8715*X(UROL,MED) - 1.7441*X(UROL,HIGH)
- 0.4904*X(GYN,LOW) - 0.846*X(GYN,MED) - 1.6551*X(GYN,HIGH)
- 0.3816*X(OB,LOW) - 0.754*X(OB,MED) - 1.1486*X(OB,HIGH)
- 0.5265*X(PEDS,LOW) - 0.748*X(PEDS,MED) - 1.4929*X(PEDS,HIGH)
- 0.2971*X(NEONATAL,LOW) - 0.6811*X(NEONATAL,MED)
- 1.8296*X(NEONATAL,HIGH) - 0.5291*X(ORTHO,LOW) - 0.7404*X(ORTHO,MED)
- 1.1658*X(ORTHO,HIGH) - 0.5221*X(PSYCH,LOW) - 0.7738*X(PSYCH,MED)
- 1.0729*X(PSYCH,HIGH) - 0.4409*X(EENT,LOW) - 0.7943*X(EENT,MED)
- 2.1199*X(EENT,HIGH) + OBJ =E= 0 ;

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, E.
COLUMN LISTING SOLVE MEDICAL USING LP FROM LINE 357

----- X TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

X(INTMED,LOW)

 (.LO, .L, .UP = 200, 200, 617)
 3.75 BEDS(MEDSURG)
 4.1666 PHYSICIANS(INTMED)
 10 NURSES(MEDSURG)
 -0.5689 OBJDEF

X(INTMED,MED)

 (.LO, .L, .UP = 300, 300, 795)
 5 BEDS(MEDSURG)
 10.33 PHYSICIANS(INTMED)
 12 NURSES(MEDSURG)
 -0.777 OBJDEF

X(INTMED,HIGH)
 (.LO, .L, .UP = 75, 75, 394)
 8.41 BEDS(MEDSURG)
 15 PHYSICIANS(INTMED)
 27 NURSES(MEDSURG)
 -1.3505 OBJDEF

REMAINING 27 ENTRIES SKIPPED

---- OBJ

OBJ
 (.LO, .L, .UP = -INF, 0, +INF)
 1 OBJDEF

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 MODEL STATISTICS SOLVE MEDICAL USING LP FROM LINE 357

MODEL STATISTICS

BLOCKS OF EQUATIONS	6	SINGLE EQUATIONS	19
BLOCKS OF VARIABLES	2	SINGLE VARIABLES	31
NON ZERO ELEMENTS	121		

GENERATION TIME = 0.293 MINUTES

EXECUTION TIME = 0.441 MINUTES

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 357

S O L V E S U M M A R Y

MODEL	MEDICAL	OBJECTIVE	OBJ
TYPE	LP	DIRECTION	MAXIMIZE
SOLVER	BDMLP	FROM LINE	357

**** SOLVER STATUS 1 NORMAL COMPLETION

**** MODEL STATUS 1 OPTIMAL
 **** OBJECTIVE VALUE 4299.8869

RESOURCE USAGE, LIMIT 0.150 1000.000
 ITERATION COUNT, LIMIT 33 1000

BDM - LP VERSION 1.01

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 ANALYTIC SUPPORT UNIT,
 DEVELOPMENT RESEARCH DEPARTMENT,
 WORLD BANK,
 WASHINGTON, D.C. 20433, U.S.A.

WORK SPACE NEEDED (ESTIMATE) -- 4884 WORDS.
 WORK SPACE AVAILABLE -- 44994 WORDS.

EXIT -- OPTIMAL SOLUTION FOUND.

----- EQU BEDS

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	2524.760	8395.000	.
NEONATAL	-INF	4726.290	12410.000	.
PSYCH	-INF	825.302	14600.000	.
MEDSURG	-INF	13270.951	27740.000	.
OBSTET	-INF	7239.761	13870.000	.

----- EQU PHYSICIANS

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	5882.000	5882.000	0.137
GENSURG	-INF	3873.000	3873.000	0.146
UROL	-INF	1747.992	2441.000	.
ORTHO	-INF	3352.000	3352.000	0.128
PSYCH	-INF	1198.000	1198.000	0.080
EENT	-INF	1215.523	1668.000	.

	LOWER	LEVEL	UPPER	MARGINAL
----- EQU OBGYN	-INF	8287.000	8287.000	0.121
----- EQU PEDSNEONAT	-INF	5830.908	6123.000	.

OBGYN MERGED PHYSICIAN HOURS FOR OB AND GYN

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 357

PEDSNEONAT MERGED PHYSICIAN HOURS FOR PEDS AND NEO

----- EQU NURSES

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	5944.297	23360.000	.
NEONATAL	-INF	6881.814	24528.000	.
PSYCH	-INF	2035.880	16640.000	.
MEDSURG	-INF	33107.889	1.0702E+5	.
OBSTET	-INF	16452.649	21752.000	.

	LOWER	LEVEL	UPPER	MARGINAL
----- EQU OBJDEF	.	.	.	1.000

----- VAR X TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

	LOWER	LEVEL	UPPER	MARGINAL
INTMED .LOW	200.000	397.926	617.000	.
INTMED .MED	300.000	300.000	795.000	-0.633
INTMED .HIGH	75.000	75.000	394.000	-0.698
GENSURG .LOW	146.000	146.000	423.000	-0.358
GENSURG .MED	125.000	125.000	285.000	-1.049
GENSURG .HIGH	70.000	106.528	179.000	.
UROL .LOW	135.000	159.000	159.000	0.510
UROL .MED	75.000	94.000	94.000	0.871
UROL .HIGH	35.000	42.000	42.000	1.744
GYN .LOW	175.000	298.000	298.000	0.304
GYN .MED	120.000	141.000	141.000	0.409
GYN .HIGH	30.000	45.000	45.000	1.198
OB .LOW	920.000	1540.417	1767.000	.
OB .MED	290.000	349.000	349.000	0.261
OB .HIGH	120.000	159.000	159.000	0.500
PEDS .LOW	372.000	575.000	575.000	0.526
PEDS .MED	185.000	292.000	292.000	0.748
PEDS .HIGH	34.000	52.000	52.000	1.493
NEONATAL.LOW	920.000	1296.000	1296.000	0.297
NEONATAL.MED	28.000	28.000	28.000	0.681

NEONATAL.HIGH	30.000	43.000	43.000	1.830
ORTHO .LOW	22.000	22.000	277.000	-0.070
ORTHO .MED	41.000	415.000	415.000	0.054
ORTHO .HIGH	19.000	113.294	188.000	.
PSYCH .LOW	10.000	36.872	83.000	.
PSYCH .MED	10.000	10.000	180.000	-0.391
PSYCH .HIGH	8.000	8.000	38.000	-7.093
EENT .LOW	256.000	334.000	334.000	0.441
EENT .MED	20.000	23.000	23.000	0.794
EENT .HIGH	6.000	7.000	7.000	2.120

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 357

	LOWER	LEVEL	UPPER	MARGINAL
---- VAR OBJ	-INF	4299.887	+INF	.

**** REPORT SUMMARY : 0 NONOPT
 0 INFEASIBLE
 0 UNBOUNDED

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 E X E C U T I N G

---- 359 PARAMETER INCFAC = 1.000 INCREASE FACTOR FOR
 PHYSICIAN HOURS AVAILABLE
 PARAMETER PATIENTS = 7233.037

---- 359 VARIABLE X.L TYPE J PATIENTS SERVED BY CLINICAL SERVICE
 I

	LOW	MED	HIGH
INTMED	397.926	300.000	75.000
GENSURG	146.000	125.000	106.528
UROL	159.000	94.000	42.000
GYN	298.000	141.000	45.000
OB	1540.417	349.000	159.000
PEDS	575.000	292.000	52.000
NEONATAL	1296.000	28.000	43.000
ORTHO	22.000	415.000	113.294
PSYCH	36.872	10.000	8.000
EENT	334.000	23.000	7.000

----	359	VARIABLE	X.M	TYPE J PATIENTS SERVED BY CLINICAL SERVICE
				I
		LOW	MED	HIGH
INTMED			-0.633	-0.698
GENSURG	-0.358		-1.049	
UROL	0.510		0.871	1.744
GYN	0.304		0.409	1.198
OB			0.261	0.500
PEDS	0.526		0.748	1.493
NEONATAL	0.297		0.681	1.830
ORTHO	-0.070		0.054	
PSYCH			-0.391	-7.093
EENT	0.441		0.794	2.120

APPENDIX H
MODEL OUTPUT WITHOUT MINIMUM PATIENT DEMAND LIMITS

S O L V E S U M M A R Y

MODEL	MEDICAL	OBJECTIVE	OBJ
TYPE	LP	DIRECTION	MAXIMIZE
SOLVER	BDMLP	FROM LINE	356

**** SOLVER STATUS 1 NORMAL COMPLETION
**** MODEL STATUS 1 OPTIMAL
**** OBJECTIVE VALUE 4522.7440

RESOURCE USAGE, LIMIT	0.167	1000.000
ITERATION COUNT, LIMIT	36	1000

BDM - LP VERSION 1.01

A. BROOKE, A. DRUD, AND A. MEERAUS,
ANALYTIC SUPPORT UNIT,
DEVELOPMENT RESEARCH DEPARTMENT,
WORLD BANK,
WASHINGTON, D.C. 20433, U.S.A.

WORK SPACE NEEDED (ESTIMATE)	--	4884 WORDS.
WORK SPACE AVAILABLE	--	44998 WORDS.

EXIT -- OPTIMAL SOLUTION FOUND.

----- EQU BEDS

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	2524.760	8395.000	.
NEONATAL	-INF	4726.290	12410.000	.
PSYCH	-INF	846.058	14600.000	.
MEDSURG	-INF	14431.917	27740.000	.
OBSTET	-INF	7239.761	13870.000	.

----- EQU PHYSICIANS

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	5882.000	5882.000	0.090
GENSURG	-INF	3873.000	3873.000	0.088
UROL	-INF	1747.992	2441.000	.

ORTHO	-INF	3352.000	3352.000	0.128
PSYCH	-INF	1198.000	1198.000	0.053
EENT	-INF	1215.523	1668.000	.

		LOWER	LEVEL	UPPER	MARGINAL
----	EQU OBGYN	-INF	8287.000	8287.000	0.121
----	EQU PEDSNEONAT	-INF	5830.908	6123.000	.

OBGYN MERGED PHYSICIAN HOURS FOR OB AND GYN

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 356

PEDSNEONAT MERGED PHYSICIAN HOURS FOR PEDS AND NEO

---- EQU NURSES

		LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	5944.297	23360.000	.	
NEONATAL	-INF	6881.814	24528.000	.	
PSYCH	-INF	2538.974	16640.000	.	
MEDSURG	-INF	37373.793	1.0702E+5	.	
OBSTET	-INF	16452.649	21752.000	.	

		LOWER	LEVEL	UPPER	MARGINAL
----	EQU OBJDEF	.	.	.	1.000

---- VAR X TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

		LOWER	LEVEL	UPPER	MARGINAL
INTMED	.LOW	.	617.000	617.000	0.194
INTMED	.MED	.	.	795.000	-0.153
INTMED	.HIGH	.	220.747	394.000	.
GENSURG	.LOW	.	260.854	423.000	.
GENSURG	.MED	.	.	285.000	-0.294
GENSURG	.HIGH	.	179.000	179.000	0.735
UROL	.LOW	.	159.000	159.000	0.510
UROL	.MED	.	94.000	94.000	0.871
UROL	.HIGH	.	42.000	42.000	1.744
GYN	.LOW	.	298.000	298.000	0.304
GYN	.MED	.	141.000	141.000	0.409

GYN	.HIGH	.	45.000	45.000	1.198
OB	.LOW	.	1540.417	1767.000	.
OB	.MED	.	349.000	349.000	0.261
OB	.HIGH	.	159.000	159.000	0.500
PEDS	.LOW	.	575.000	575.000	0.526
PEDS	.MED	.	292.000	292.000	0.748
PEDS	.HIGH	.	52.000	52.000	1.493
NEONATAL	.LOW	.	1296.000	1296.000	0.297
NEONATAL	.MED	.	28.000	28.000	0.681
NEONATAL	.HIGH	.	43.000	43.000	1.830
ORTHO	.LOW	.	.	277.000	-0.070
ORTHO	.MED	.	415.000	415.000	0.054
ORTHO	.HIGH	.	124.597	188.000	.
PSYCH	.LOW	.	83.000	83.000	0.175
PSYCH	.MED	.	45.414	180.000	.
PSYCH	.HIGH	.	.	38.000	-4.353
EENT	.LOW	.	334.000	334.000	0.441
EENT	.MED	.	23.000	23.000	0.794
EENT	.HIGH	.	7.000	7.000	2.120

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 356

	LOWER	LEVEL	UPPER	MARGINAL
---- VAR OBJ	-INF	4522.744	+INF	.

**** REPORT SUMMARY : 0 NONOPT
 0 INFEASIBLE
 0 UNBOUNDED

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 E X E C U T I N G

----	358	PARAMETER INCFAC	=	1.000	INCREASE FACTOR FOR
		PARAMETER PATIENTS	=	7423.029	PHYSICIAN HOURS AVAILABLE

----	358	VARIABLE X.L	TYPE J PATIENTS SERVED BY CLINICAL SERVICE
			I

	LOW	MED	HIGH
INTMED	617.000		220.747
GENSURG	260.854		179.000
UROL	159.000	94.000	42.000
GYN	298.000	141.000	45.000
OB	1540.417	349.000	159.000
PEDS	575.000	292.000	52.000
NEONATAL	1296.000	28.000	43.000
ORTHO		415.000	124.597
PSYCH	83.000	45.414	
EENT	334.000	23.000	7.000

----- 358 VARIABLE X.M

TYPE J PATIENTS SERVED BY CLINICAL SERVICE
I

	LOW	MED	HIGH
INTMED	0.194	-0.153	
GENSURG		-0.294	0.735
UROL	0.510	0.871	1.744
GYN	0.304	0.409	1.198
OB		0.261	0.500
PEDS	0.526	0.748	1.493
NEONATAL	0.297	0.681	1.830
ORTHO	-0.070	0.054	
PSYCH	0.175		-4.353
EENT	0.441	0.794	2.120

APPENDIX I
MODEL OUTPUT WITH 50% INCREASE FOR PHYSICIAN HOUR LIMITS

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, E.
MODEL STATISTICS SOLVE MEDICAL USING LP FROM LINE 364

MODEL STATISTICS

BLOCKS OF EQUATIONS	6	SINGLE EQUATIONS	19
BLOCKS OF VARIABLES	2	SINGLE VARIABLES	31
NON ZERO ELEMENTS	121		

GENERATION TIME = 0.159 MINUTES

EXECUTION TIME = 0.467 MINUTES

?GAMS 2.04 PC AT/XT
MEDICAL CASE MIX: PONATOSKI, E.
SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 364

S O L V E S U M M A R Y

MODEL	MEDICAL	OBJECTIVE	OBJ
TYPE	LP	DIRECTION	MAXIMIZE
SOLVER	BDMLP	FROM LINE	364

**** SOLVER STATUS 1 NORMAL COMPLETION
**** MODEL STATUS 1 OPTIMAL
**** OBJECTIVE VALUE 5156.7636

RESOURCE USAGE, LIMIT	0.117	1000.000
ITERATION COUNT, LIMIT	7	1000

BDM - LP VERSION 1.01

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DEVELOPMENT RESEARCH DEPARTMENT,
WORLD BANK,
WASHINGTON, D.C. 20433, U.S.A.

WORK SPACE NEEDED (ESTIMATE)	--	4884 WORDS.
WORK SPACE AVAILABLE	--	44994 WORDS.

EXIT -- OPTIMAL SOLUTION FOUND.

----- EQU BEDS

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	2524.760	8395.000	.
NEONATAL	-INF	4726.290	12410.000	.
PSYCH	-INF	1261.462	14600.000	.
MEDSURG	-INF	18018.138	27740.000	.
OBSTET	-INF	7919.510	13870.000	.

----- EQU PHYSICIANS

	LOWER	LEVEL	UPPER	MARGINAL
INTMED	-INF	8823.000	8823.000	0.090
GENSURG	-INF	5809.500	5809.500	0.088
UROL	-INF	1747.992	3661.500	.
ORTHO	-INF	5028.000	5028.000	0.113
PSYCH	-INF	1797.000	1797.000	0.053
EENT	-INF	1215.523	2502.000	.

	LOWER	LEVEL	UPPER	MARGINAL
----- EQU OBGYN	-INF	9003.003	12430.500	.
----- EQU PEDSNEONAT	-INF	5830.908	9184.500	.

OBGYN MERGED PHYSICIAN HOURS FOR OB AND GYN

?GAMS 2.04 PC AT/XT
 MEDICAL CASE MIX: PONATOSKI, E.
 SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 364

PEDSNEONAT MERGED PHYSICIAN HOURS FOR PEDS AND NEO

----- EQU NURSES

	LOWER	LEVEL	UPPER	MARGINAL
PEDS	-INF	5944.297	23360.000	.
NEONATAL	-INF	6881.814	24528.000	.
PSYCH	-INF	3356.368	16640.000	.
MEDSURG	-INF	44861.712	1.0702E+5	.
OBSTET	-INF	18290.465	21752.000	.

	LOWER	LEVEL	UPPER	MARGINAL
----- EQU OBJDEF	.	.	.	1.000

---- VAR X

TYPE J PATIENTS SERVED BY CLINICAL SERVICE I

		LOWER	LEVEL	UPPER	MARGINAL
INTMED	.LOW	200.000	617.000	617.000	0.194
INTMED	.MED	300.000	300.000	795.000	-0.153
INTMED	.HIGH	75.000	210.214	394.000	.
GENSURG	.LOW	146.000	311.422	423.000	.
GENSURG	.MED	125.000	125.000	285.000	-0.294
GENSURG	.HIGH	70.000	179.000	179.000	0.735
UROL	.LOW	135.000	159.000	159.000	0.510
UROL	.MED	75.000	94.000	94.000	0.871
UROL	.HIGH	35.000	42.000	42.000	1.744
GYN	.LOW	175.000	298.000	298.000	0.490
GYN	.MED	120.000	141.000	141.000	0.846
GYN	.HIGH	30.000	45.000	45.000	1.655
OB	.LOW	920.000	1767.000	1767.000	0.382
OB	.MED	290.000	349.000	349.000	0.754
OB	.HIGH	120.000	159.000	159.000	1.149
PEDS	.LOW	372.000	575.000	575.000	0.526
PEDS	.MED	185.000	292.000	292.000	0.748
PEDS	.HIGH	34.000	52.000	52.000	1.493
NEONATAL	.LOW	920.000	1296.000	1296.000	0.297
NEONATAL	.MED	28.000	28.000	28.000	0.681
NEONATAL	.HIGH	30.000	43.000	43.000	1.830
ORTHO	.LOW	22.000	235.737	277.000	.
ORTHO	.MED	41.000	415.000	415.000	0.134
ORTHO	.HIGH	19.000	188.000	188.000	0.136
PSYCH	.LOW	10.000	83.000	83.000	0.175
PSYCH	.MED	10.000	30.632	180.000	.
PSYCH	.HIGH	8.000	8.000	38.000	-4.353
EENT	.LOW	256.000	334.000	334.000	0.441
EENT	.MED	20.000	23.000	23.000	0.794
EENT	.HIGH	6.000	7.000	7.000	2.120

?GAMS 2.04 PC AT/XT

MEDICAL CASE MIX: PONATOSKI, E.

SOLUTION REPORT SOLVE MEDICAL USING LP FROM LINE 364

	LOWER	LEVEL	UPPER	MARGINAL
---- VAR OBJ	-INF	5156.764	+INF	.

**** REPORT SUMMARY :
 0 NONOPT
 0 INFEASIBLE
 0 UNBOUNDED

?GAMS 2.04 PC AT/XT

MEDICAL CASE MIX: PONATOSKI, E.

E X E C U T I N G

----- 366 PARAMETER INCFAC = 1.500 INCREASE FACTOR FOR
PARAMETER PATIENTS = 8407.005 PHYSICIAN HOURS AVAILABLE

----- 366 VARIABLE X.L TYPE J PATIENTS SERVED BY CLINICAL SERVICE
I

	LOW	MED	HIGH
INTMED	617.000	300.000	210.214
GENSURG	311.422	125.000	179.000
UROL	159.000	94.000	42.000
GYN	298.000	141.000	45.000
OB	1767.000	349.000	159.000
PEDS	575.000	292.000	52.000
NEONATAL	1296.000	28.000	43.000
ORTHO	235.737	415.000	188.000
PSYCH	83.000	30.632	8.000
EENT	334.000	23.000	7.000

----- 366 VARIABLE X.M TYPE J PATIENTS SERVED BY CLINICAL SERVICE
I

	LOW	MED	HIGH
INTMED	0.194	-0.153	
GENSURG		-0.294	0.735
UROL	0.510	0.871	1.744
GYN	0.490	0.846	1.655
OB	0.382	0.754	1.149
PEDS	0.526	0.748	1.493
NEONATAL	0.297	0.681	1.830
ORTHO		0.134	0.136
PSYCH	0.175		-4.353
EENT	0.441	0.794	2.120

**** FILE SUMMARY

INPUT C:_GAMSRER_MEDCASE2.GMS
OUTPUT C:_GAMSRER_MEDCASE2.LST

EXECUTION TIME = 0.211 MINUTES

APPENDIX J

ABBREVIATIONS AND DEFINITIONS

ALOS: Average Length of Hospital stay.

ALOS PROD: The value obtained by multiplying the average length of hospital stay by the frequency or number of patients within a DRG case type.

Case Mix: The relative proportion of the different types of cases a hospital treats. . Case mix measures are calculated by application of a set of weights to the number of patients falling into each case type within a hospital (Fetter et al, 1980).

Case Mix Index: The value obtained by dividing the DRG Weighted Product Sum by the total number of patients treated.

CC: Complications (Found in Appendix B, D, and E.)

Clinical service abbreviations:

INT MED	Internal Medicine
GENSURG or GEN SURG	General Surgery
UROL	Urology
GYN	Gynecology
OB	Obstetrics
PEDS	Pediatrics
ORTHO	Orthopaedics
PSYCH	Psychiatry
EENT	Eye, Ear, Nose, and Throat

APPENDIX J

ABBREVIATIONS AND DEFINITIONS (cont)

CLSVC or CLIN SERVICE: Clinical service

Diagnosis Related Group (DRGs): A patient classification scheme that identifies in the hospital acute care setting a set of case types, each representing a class of patients with similar processes of care and a predictable utilization of services (Fetter et al, 1980)

DRG Relative Weight (REL WGT): The decimal value attributed to each DRG. Each DRG receives a distinct weight that represents the relative hospital resource utilization on an average case.

DRG Weighted Product (WGT PROD): The value obtained by multiplying the number of patients treated and the DRG Relative Weight.

DRG Weighted Product Sum: The value obtained by summing the DRG Weighted Products.

FREQ: Frequency or number of patients receiving medical services.

WGT ALOS: A weighted length of hospital stay per DRG case type.

W/O: Without. (Found in Appendix B,D, and E.)